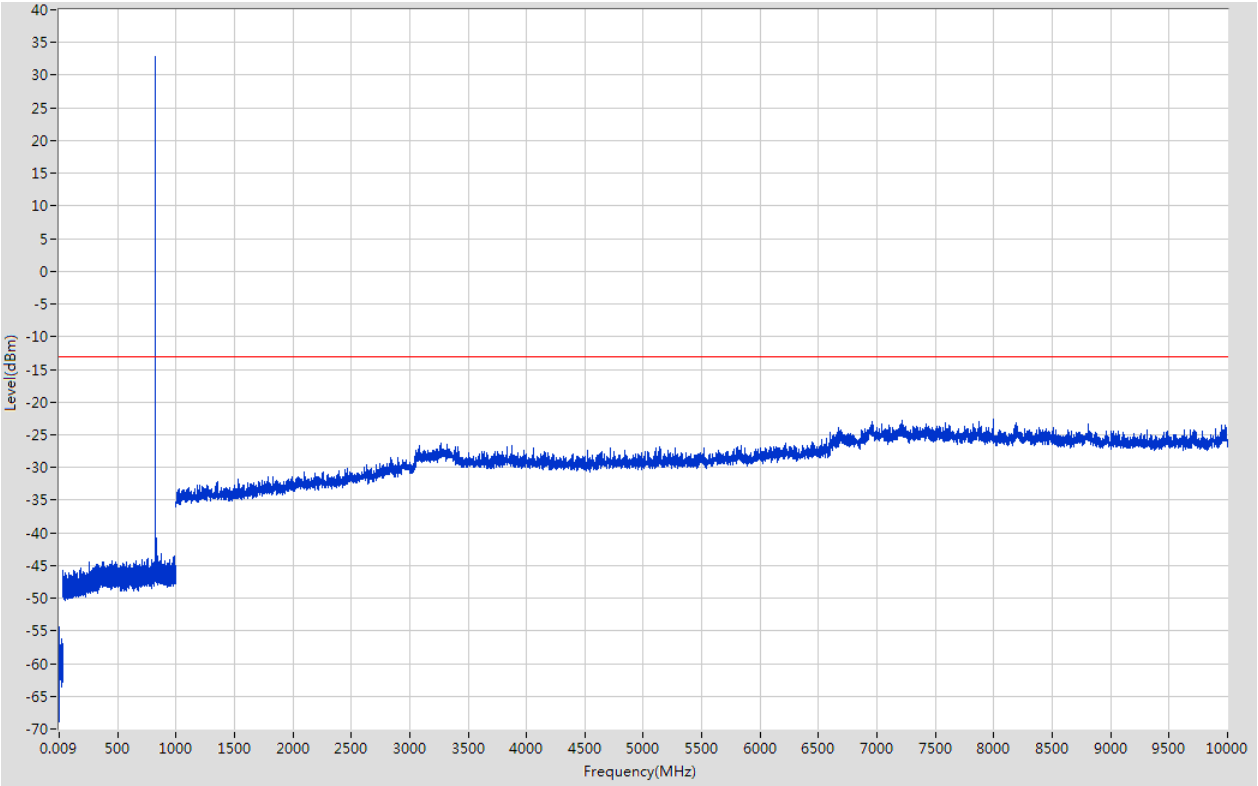
# Annex A.5 Spurious Emission at Antenna Terminals

# GSM

## 1. GSM_GSM850

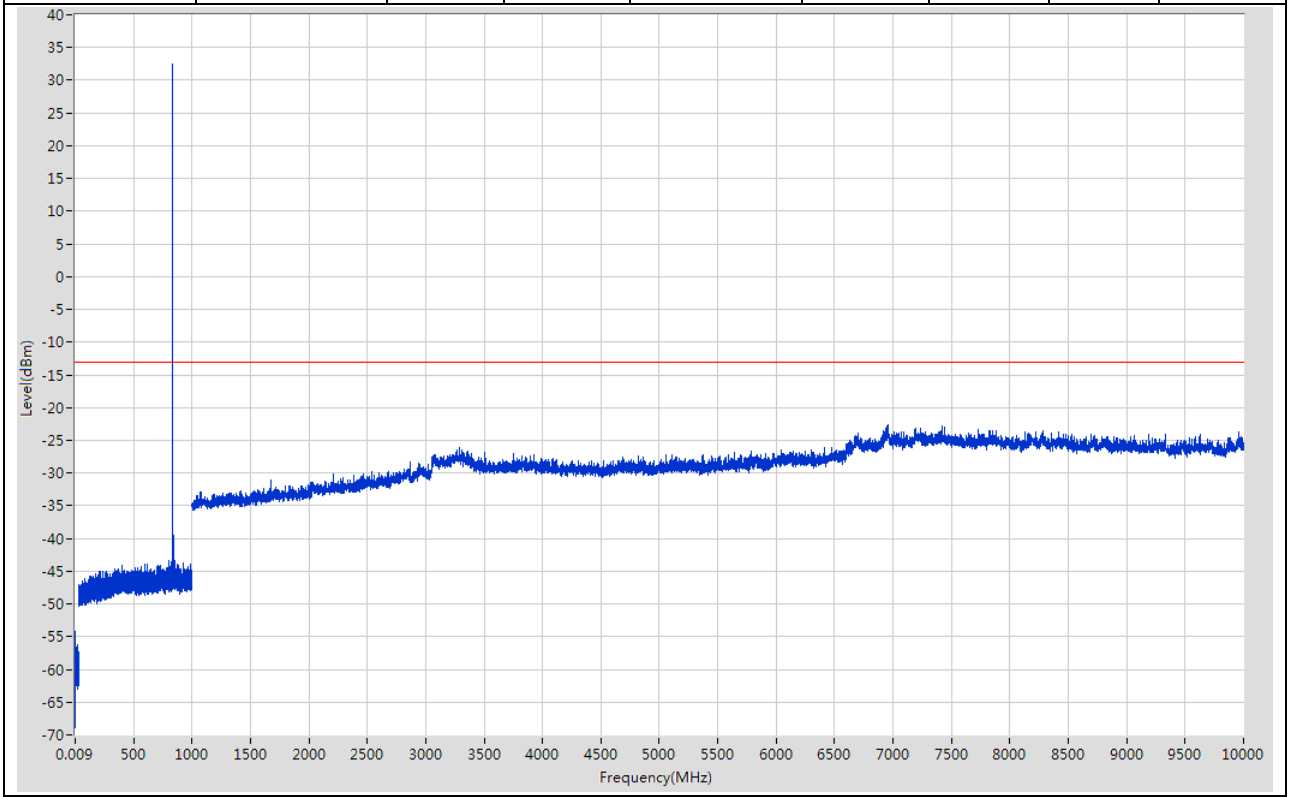
### 1.1. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:128)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -58.56 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.22 | -54.4 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 452.29 | -44.21 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 824.165 | 32.8 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7997.854 | -22.55 | -13 | Pass | 9000 |



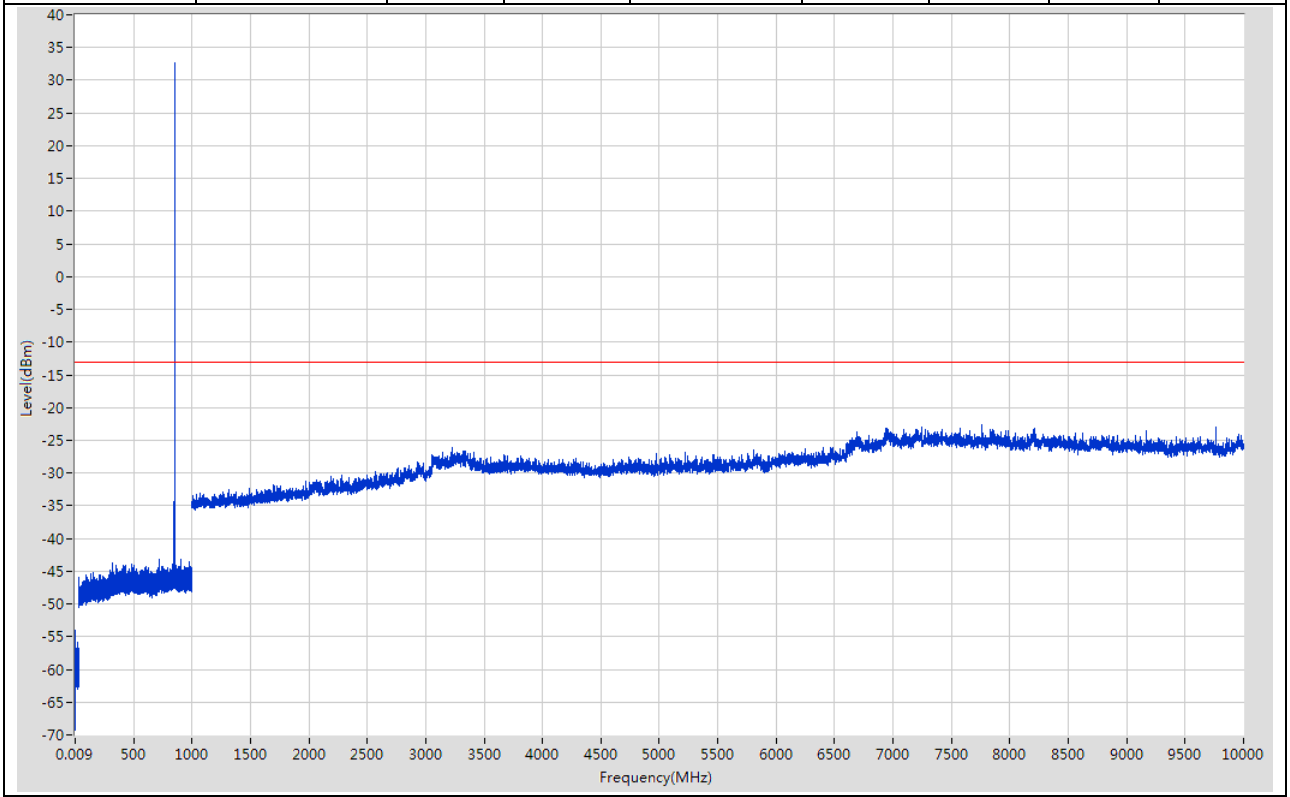
## 1.2. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:190)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -58.26 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.18 | -54.14 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 400.979 | -44.11 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 836.667 | 32.5 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 6958.727 | -22.67 | -13 | Pass | 9000 |



## 1.3. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:251)

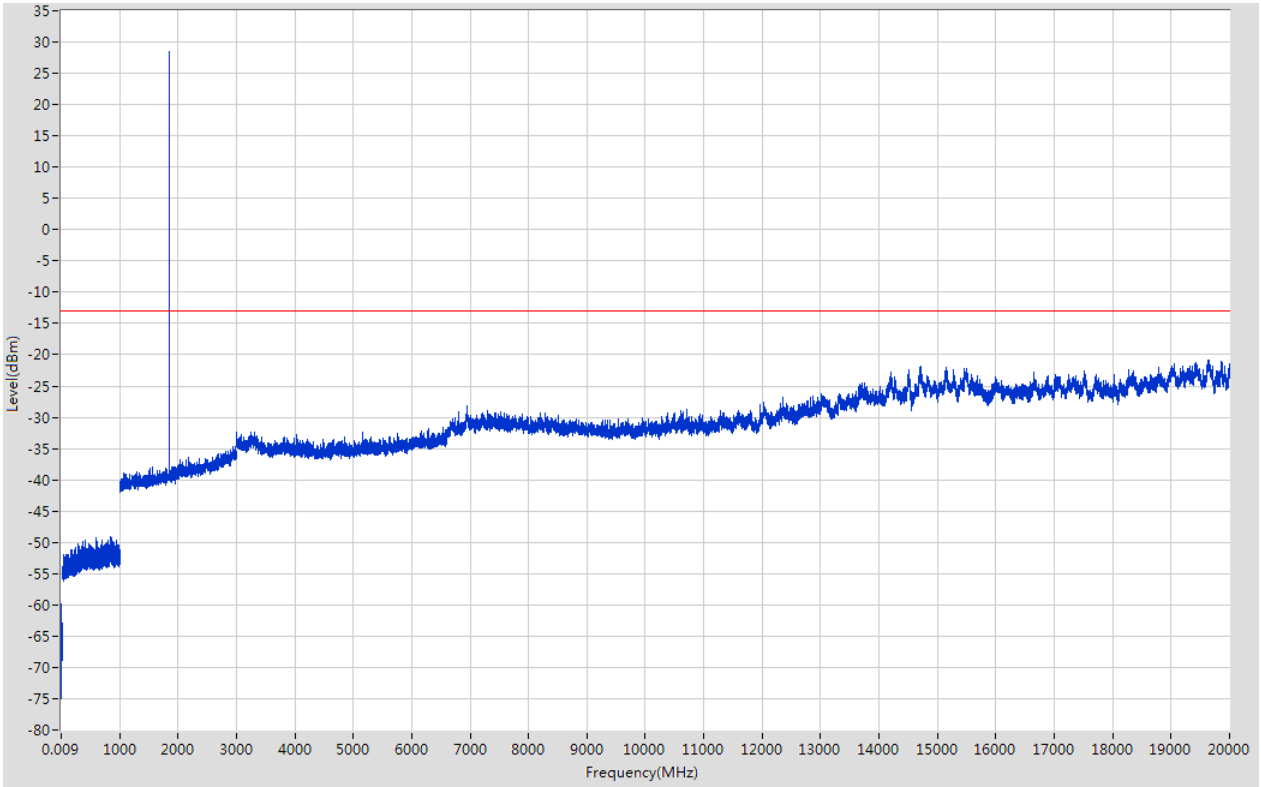
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -56.11 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.23 | -54.09 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 322.262 | -43.72 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 848.87 | 32.64 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7763.826 | -22.55 | -13 | Pass | 9000 |



# 2. GSM_PCS

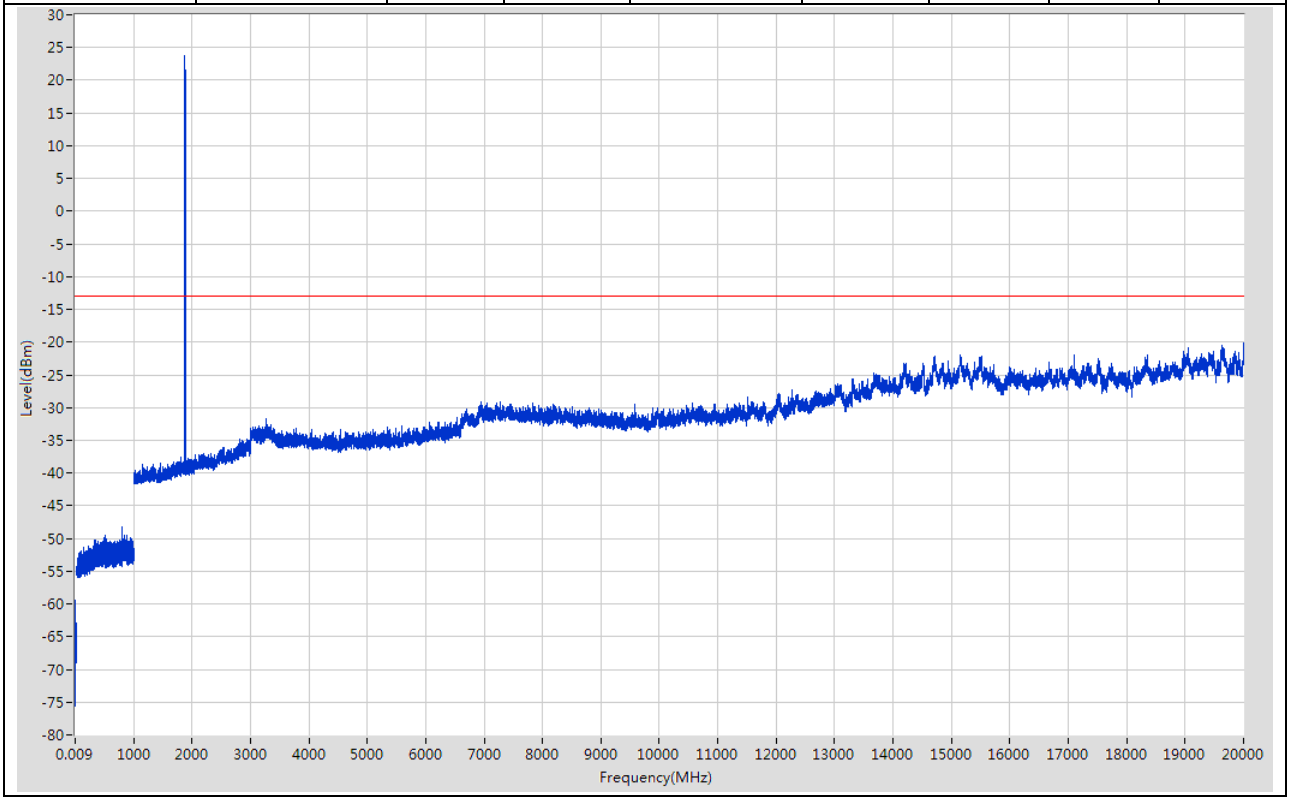
## 2.1. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:512)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -61.8 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.2 | -59.75 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 840.999 | -49.18 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1850.425 | 28.55 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19656.442 | -20.87 | -13 | Pass | 17000 |



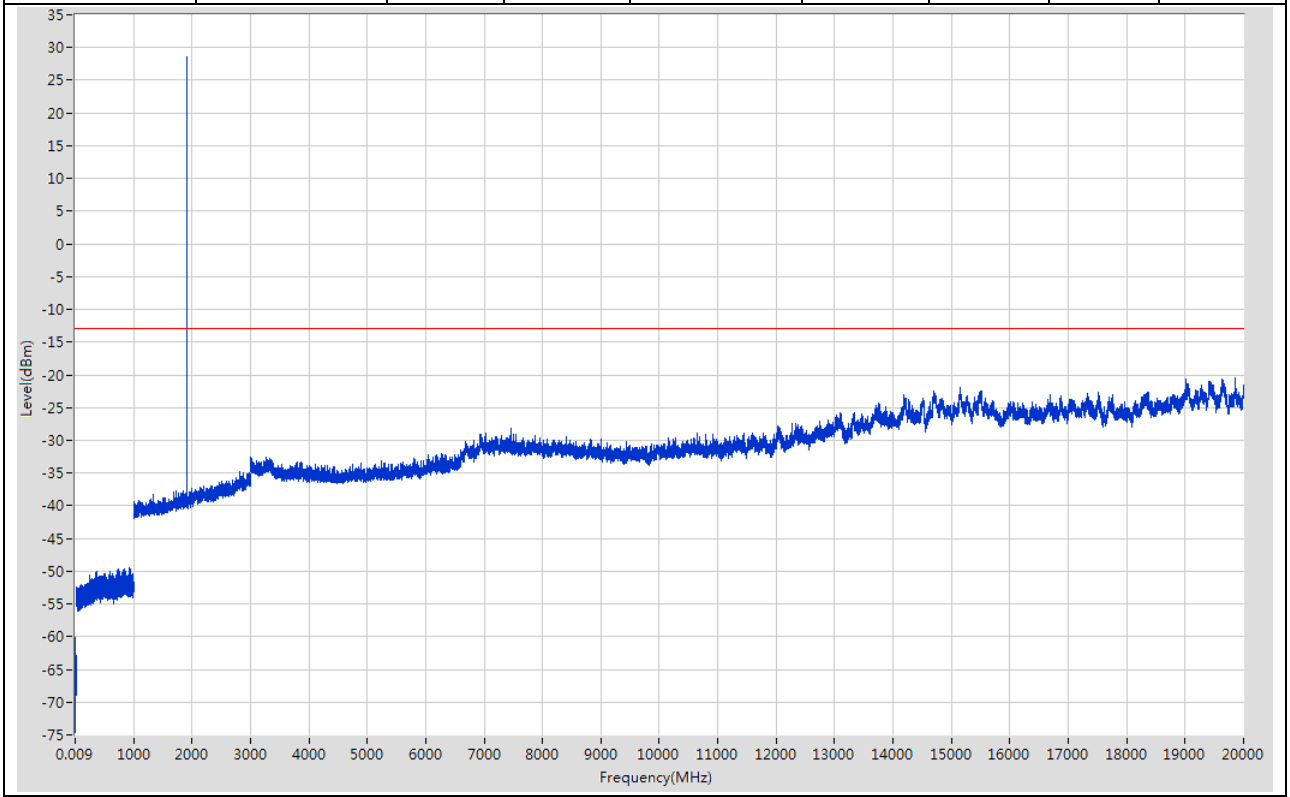
## 2.2. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:661)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -62.88 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.2 | -59.47 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 805.395 | -48.21 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1880.44 | 23.71 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 20000 | -20.22 | -13 | Pass | 17000 |



## 2.3. GSM Spurious Emission at Antenna Terminals(NTNV)(Channel:810)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -60.48 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.18 | -60.21 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 932.21 | -49.53 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1909.455 | 28.59 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19862.777 | -20.48 | -13 | Pass | 17000 |

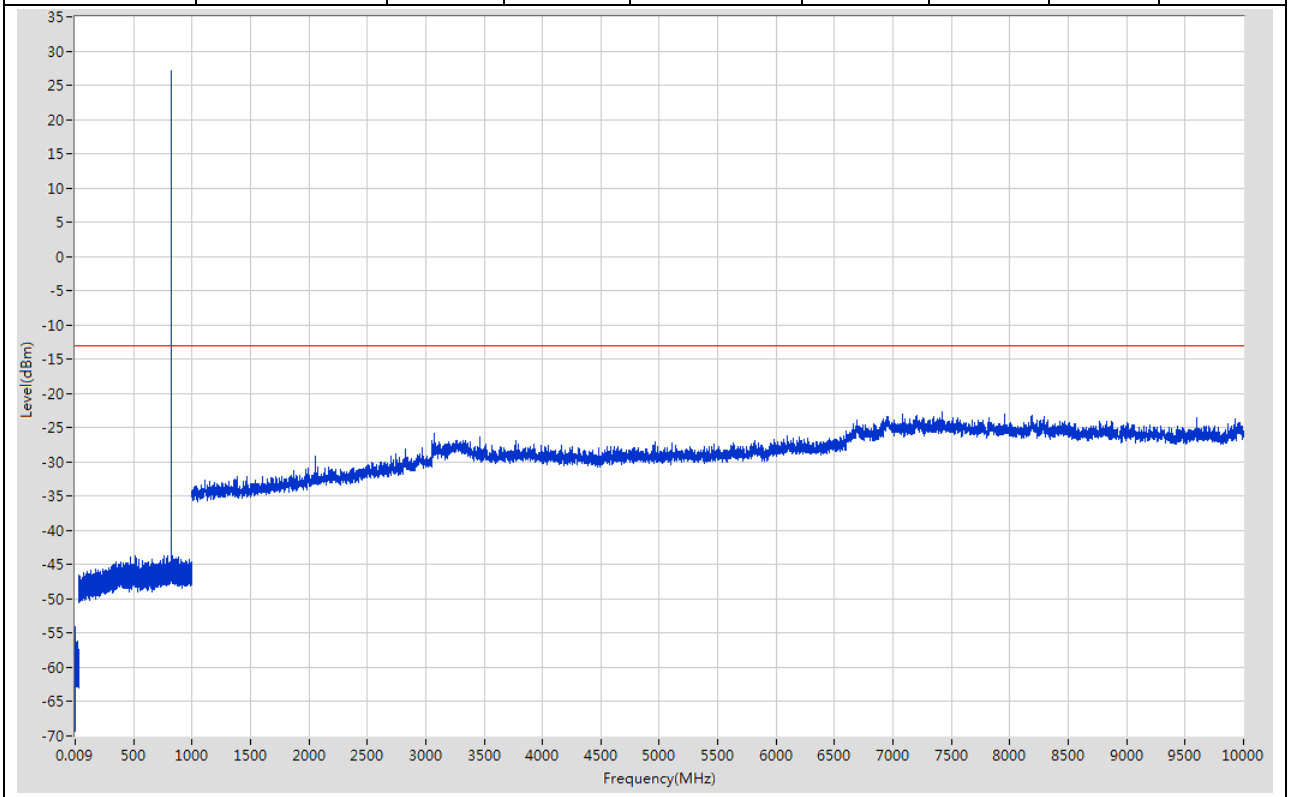


# EGPRS

## 3. EGPRS_GSM850

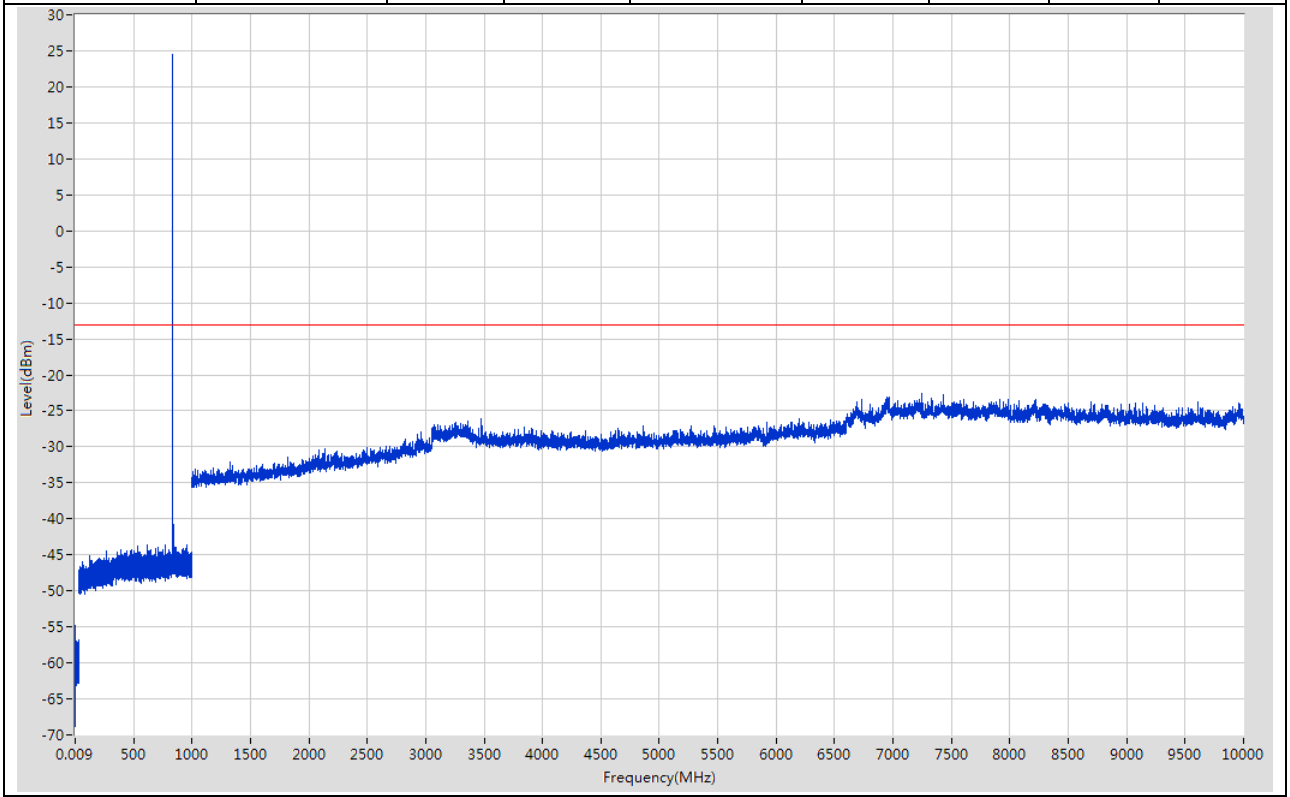
### 3.1. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:128)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -58.12 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.19 | -54.09 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 472.194 | -43.9 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 824.265 | 27.15 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7417.783 | -22.66 | -13 | Pass | 9000 |



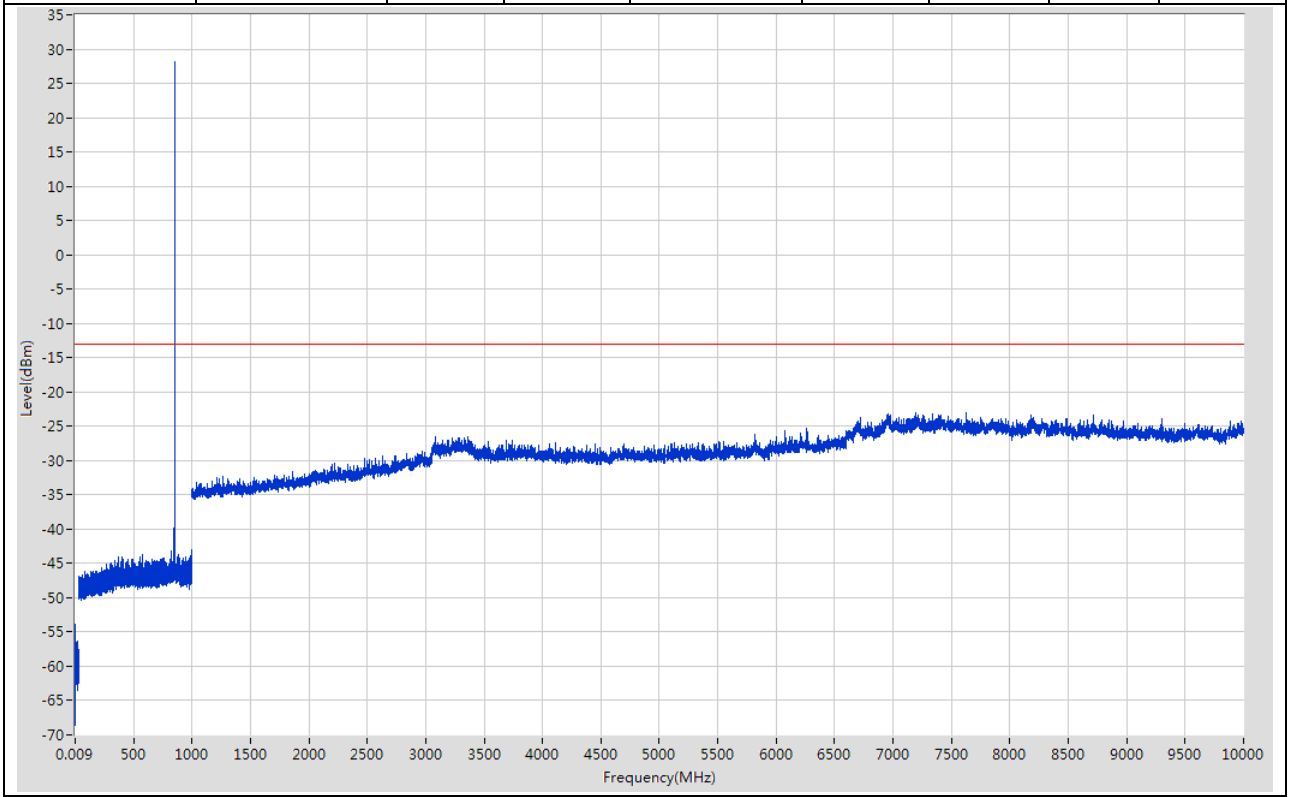
## 3.2. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:190)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -56.72 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -54.78 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 386.776 | -44.25 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 836.467 | 24.42 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7242.762 | -22.66 | -13 | Pass | 9000 |



## 3.3. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:251)

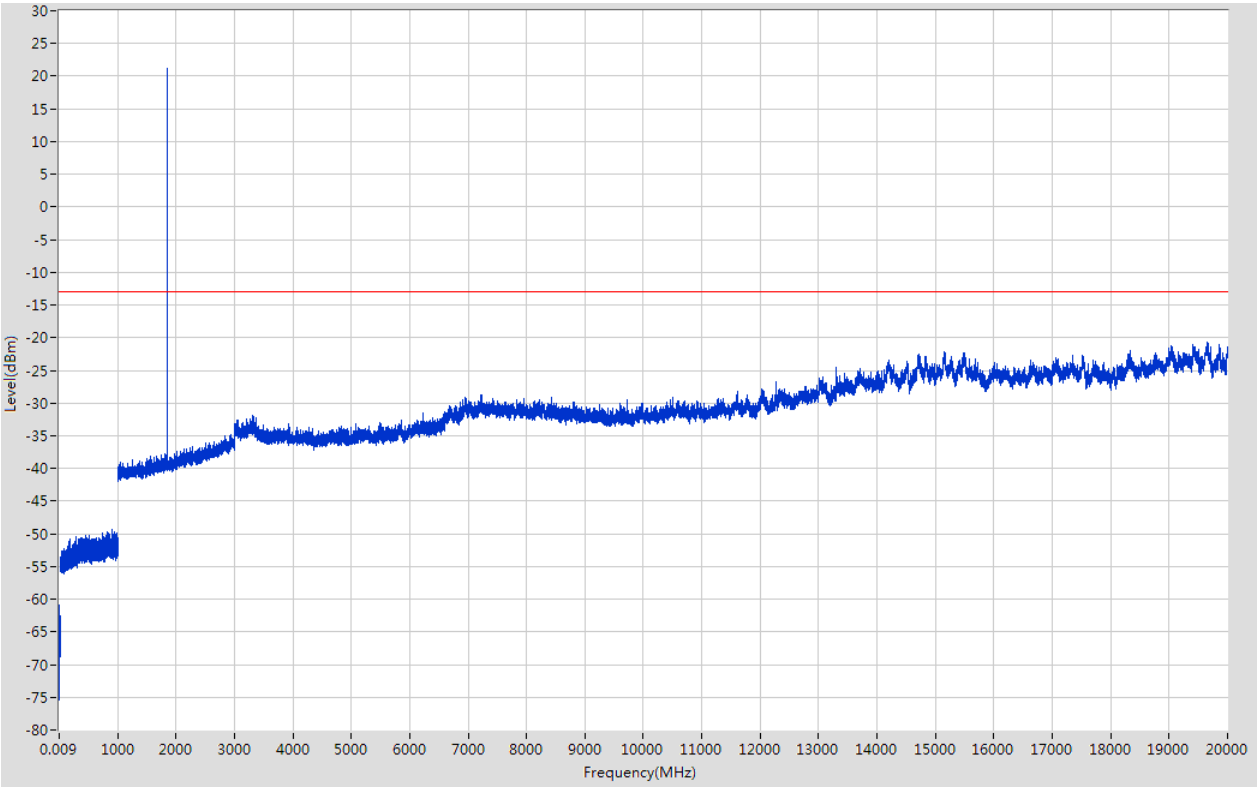
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -57.74 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.32 | -53.79 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 398.678 | -44.12 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 848.77 | 28.25 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7192.756 | -22.95 | -13 | Pass | 9000 |



# 4. EGPRS_PCS

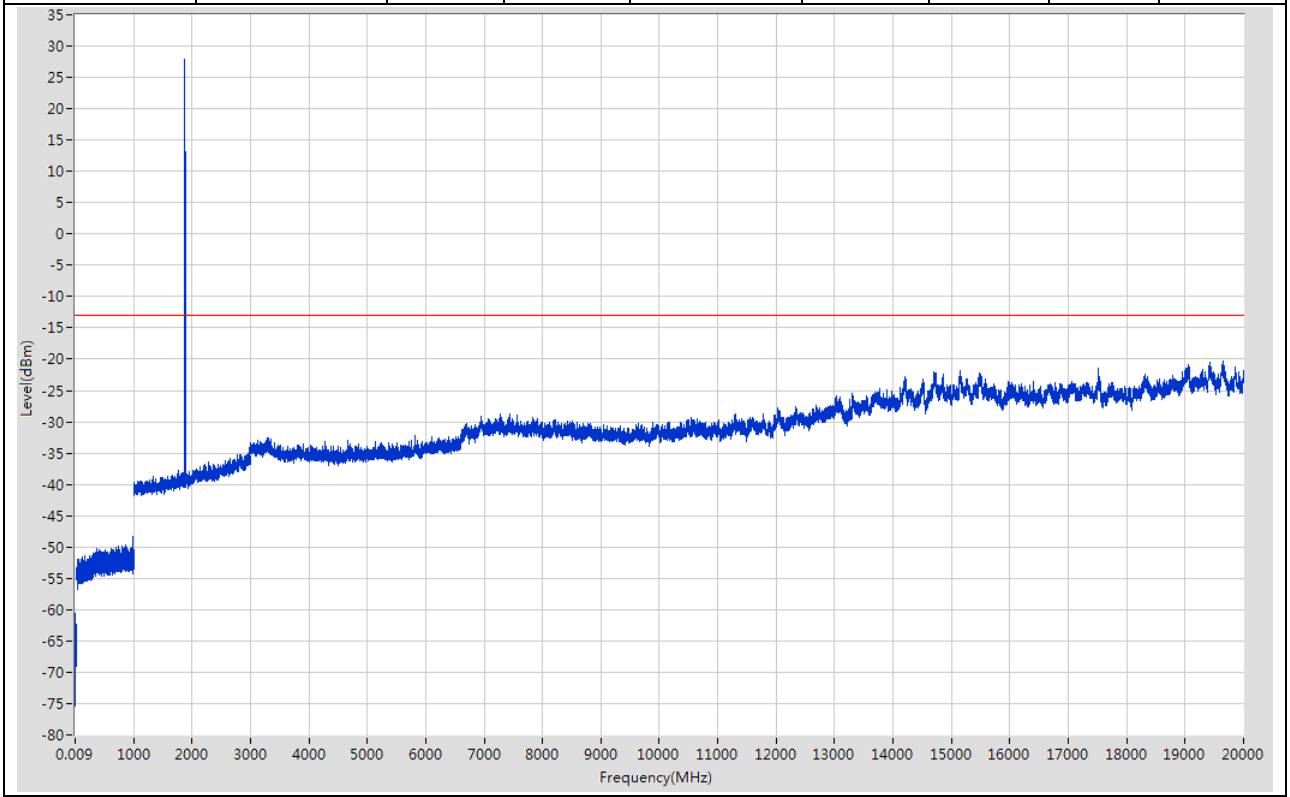
## 4.1. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:512)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -62.38 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -60.92 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 908.378 | -49.3 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1849.425 | 21.17 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19654.439 | -20.68 | -13 | Pass | 17000 |



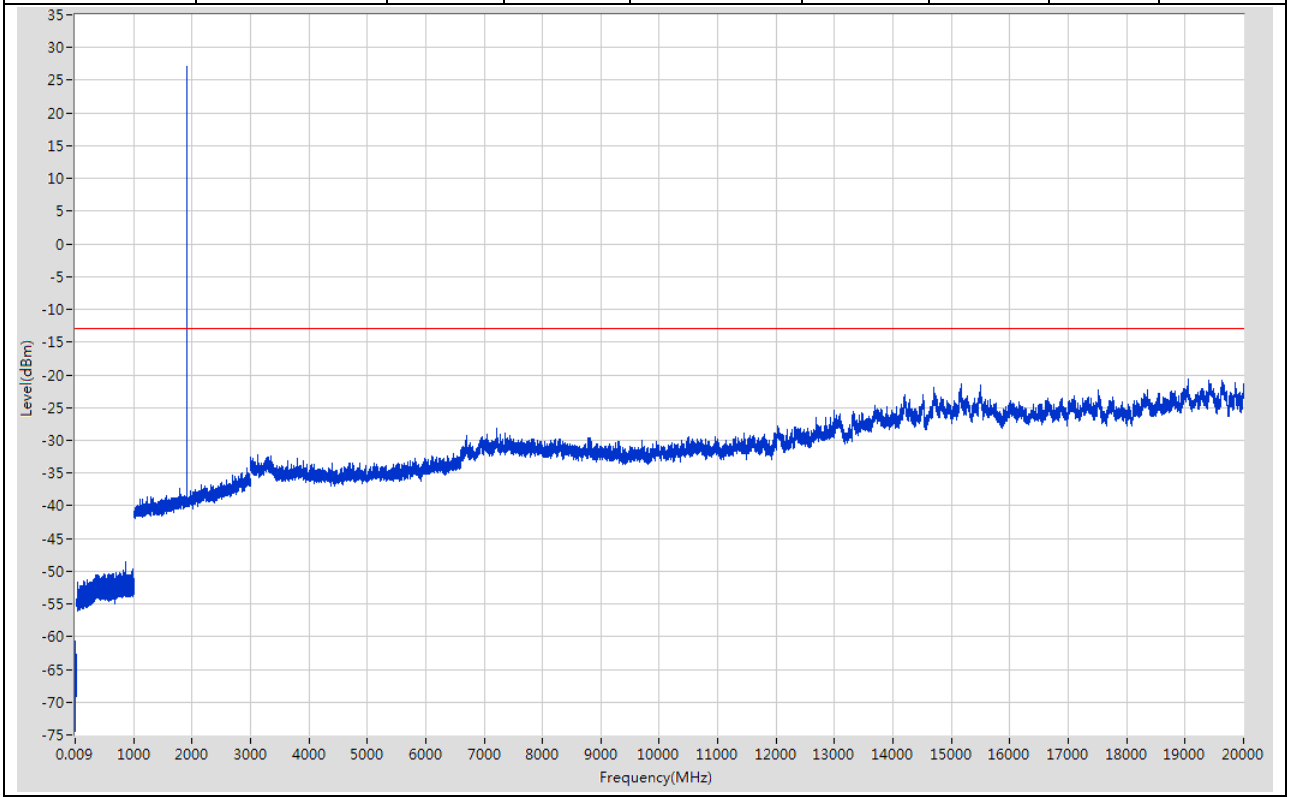
## 4.2. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:661)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -61.77 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.17 | -60.54 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 988.785 | -48.38 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1880.44 | 27.93 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19641.418 | -20.27 | -13 | Pass | 17000 |



## 4.3. EGPRS Spurious Emission at Antenna Terminals(NTNV)(Channel:810)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -62.82 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -60.65 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 853.105 | -48.48 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1910.455 | 27.04 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19048.959 | -20.71 | -13 | Pass | 17000 |

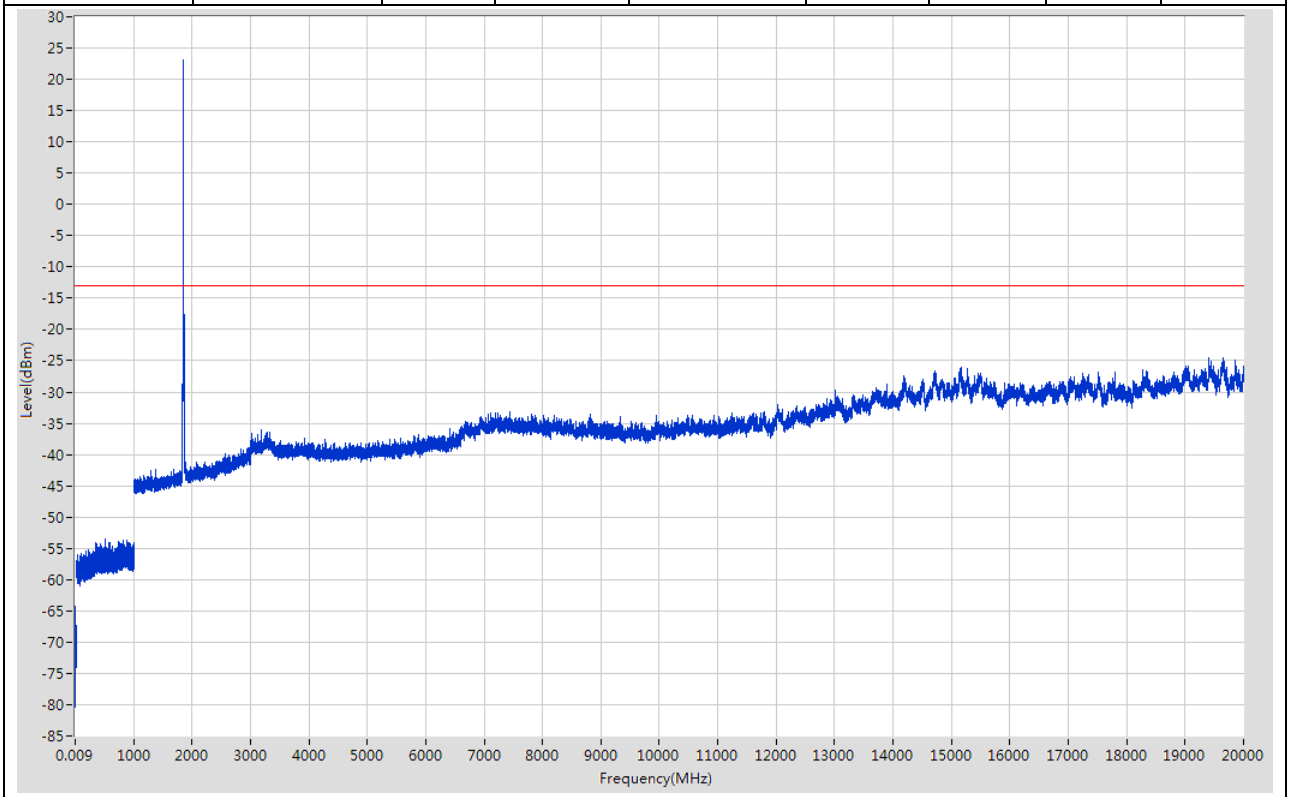


# WCDMA

## 5. WCDMA_Band2

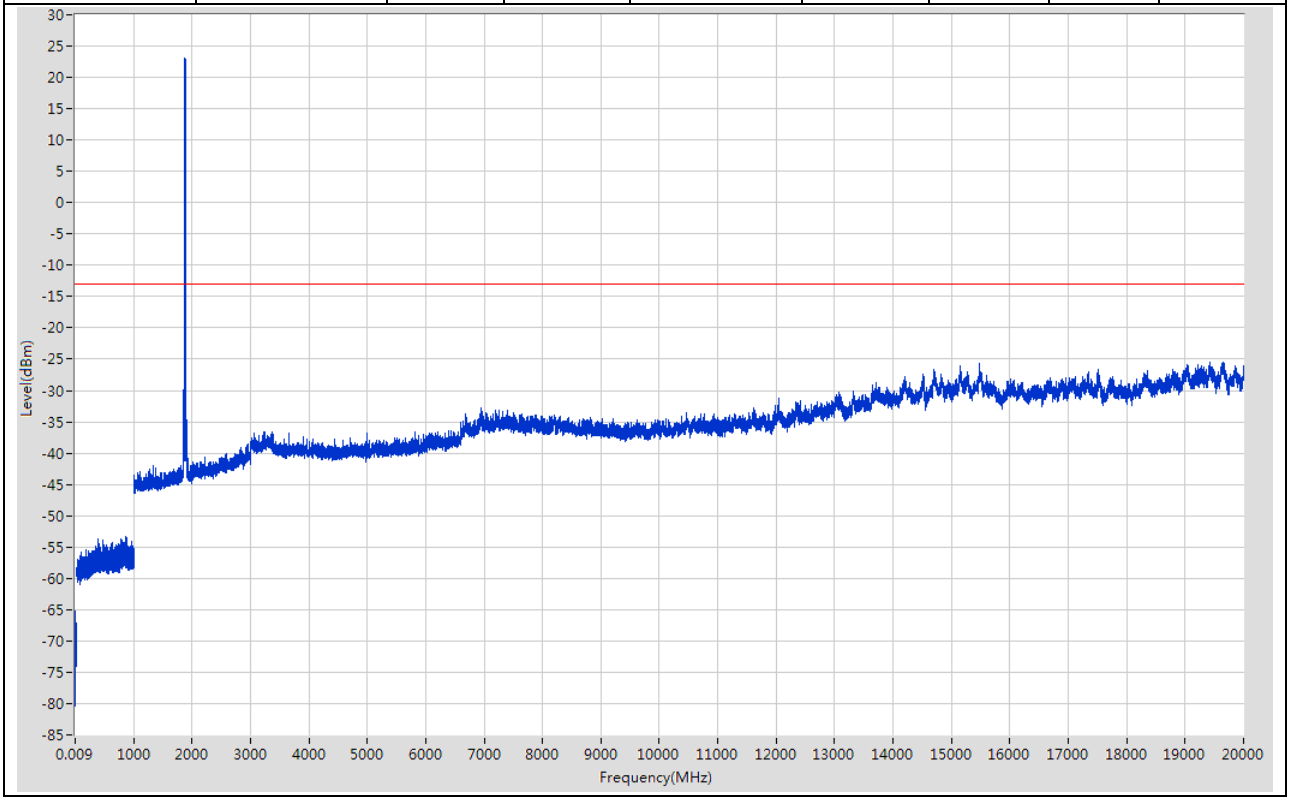
### 5.1. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:9262)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -65.81 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.32 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 505.458 | -53.55 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1853.427 | 23.04 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19413.047 | -24.46 | -13 | Pass | 17000 |



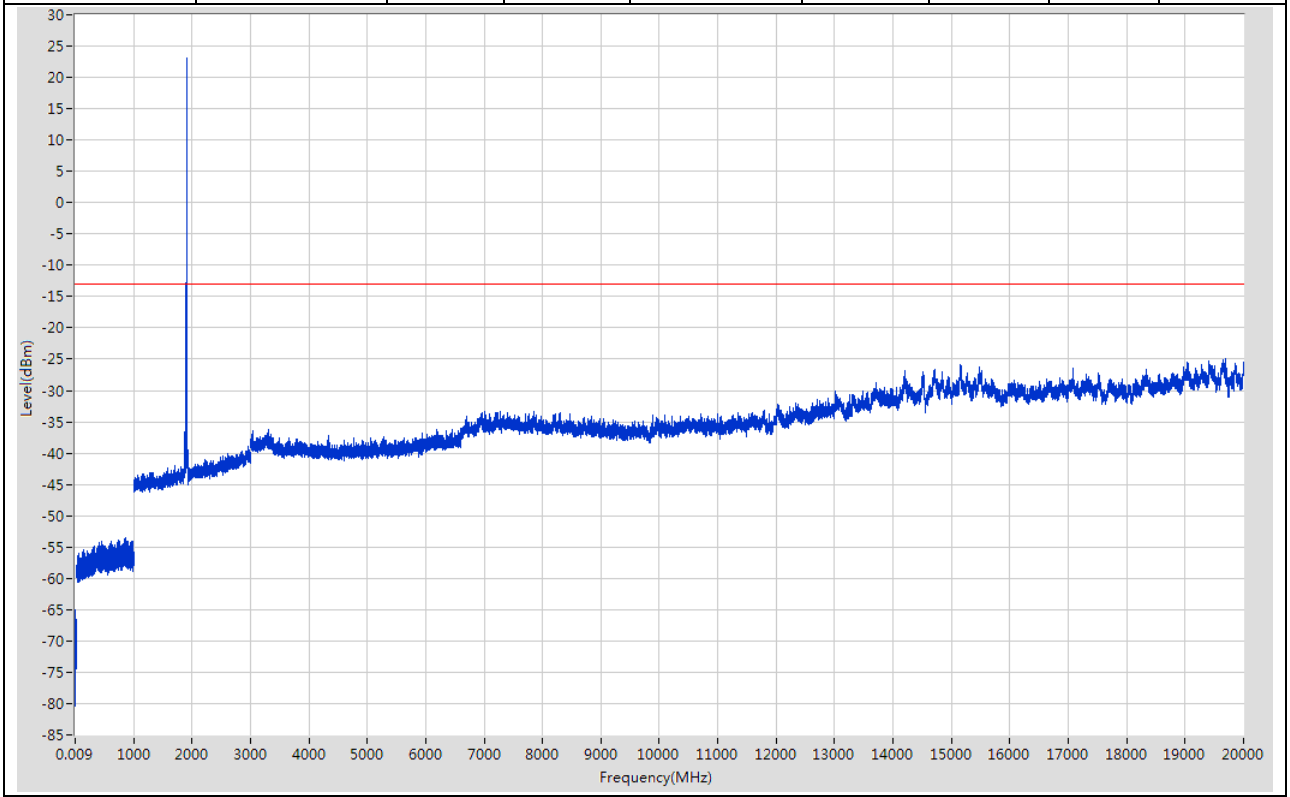
## 5.2. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:9400)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -65.32 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -65.32 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 863.92 | -53.24 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1878.439 | 23.07 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19417.054 | -25.41 | -13 | Pass | 17000 |



## 5.3. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:9538)

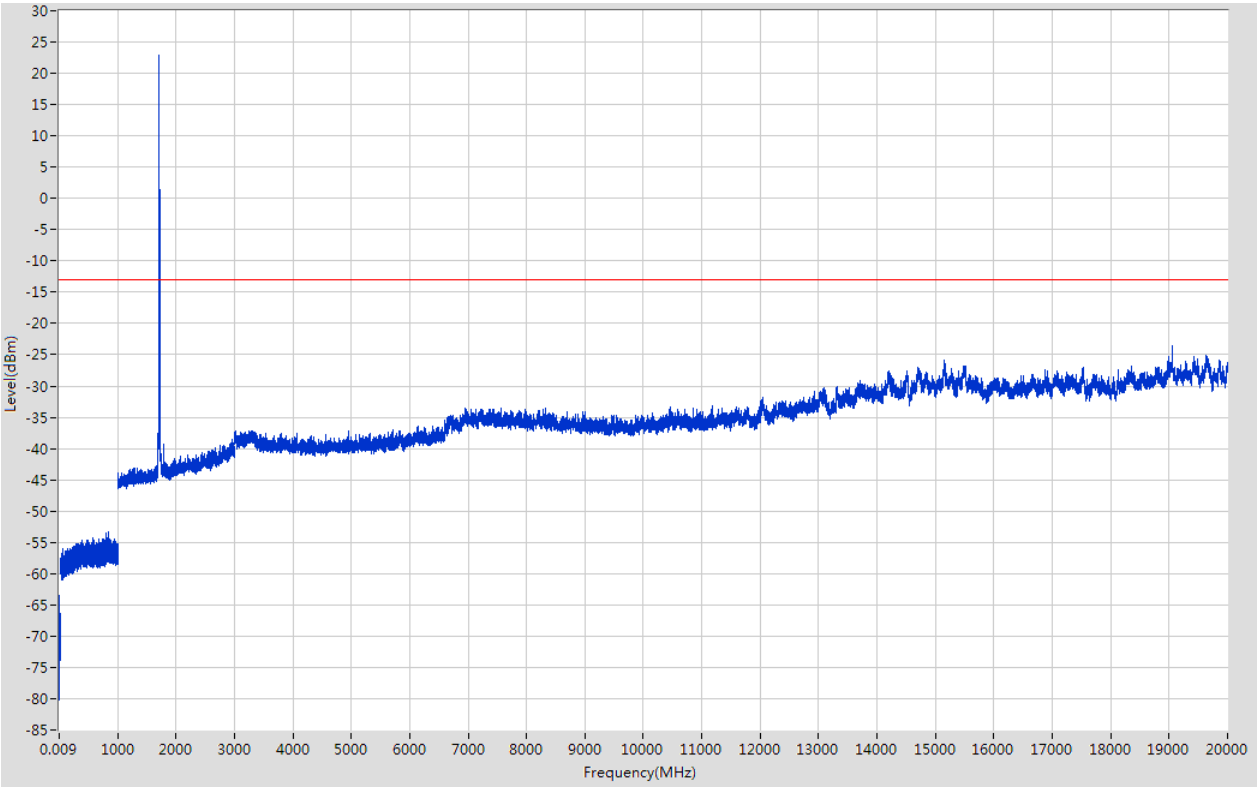
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -67.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.26 | -65.12 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 861.616 | -53.61 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1906.453 | 23.06 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19682.485 | -24.99 | -13 | Pass | 17000 |



# 6. WCDMA_Band4

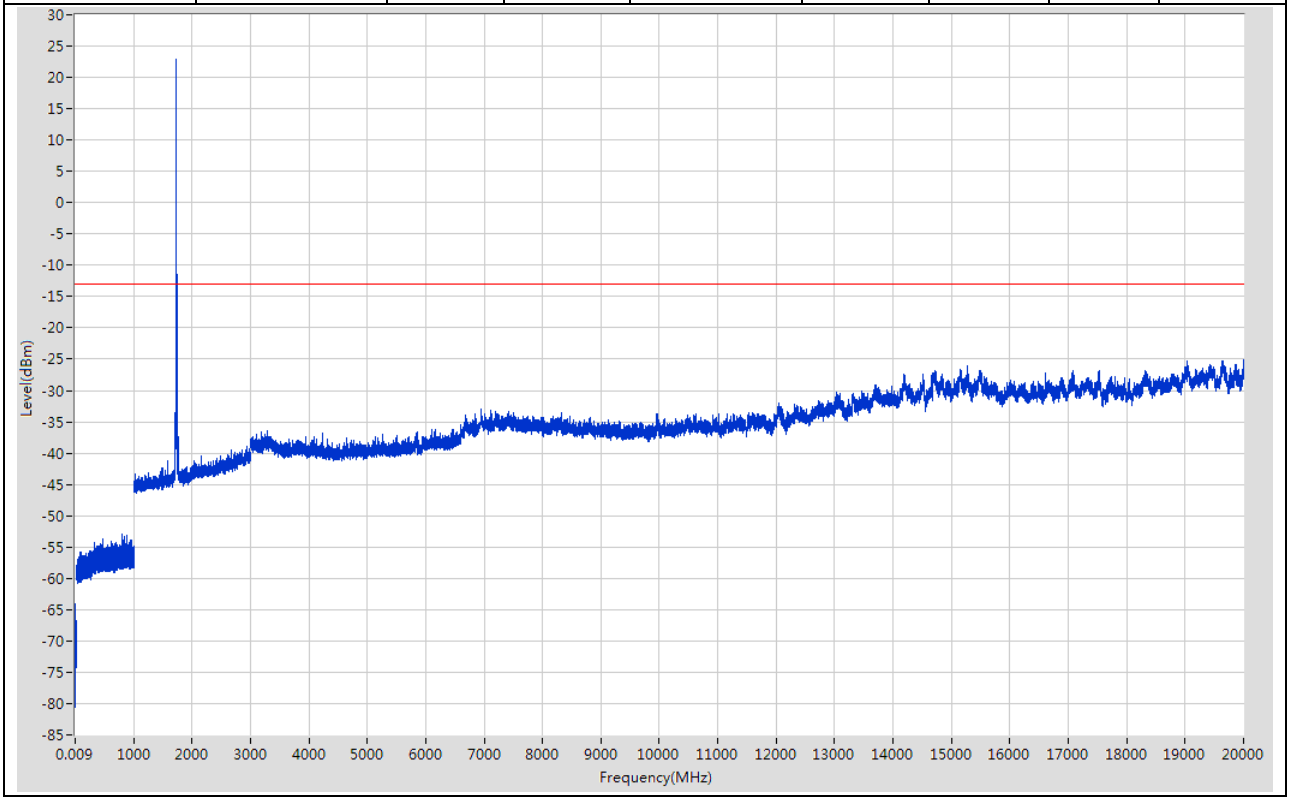
## 6.1. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:1312)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -66.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -63.47 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 833.998 | -53.26 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1713.357 | 22.98 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19051.959 | -23.58 | -13 | Pass | 17000 |



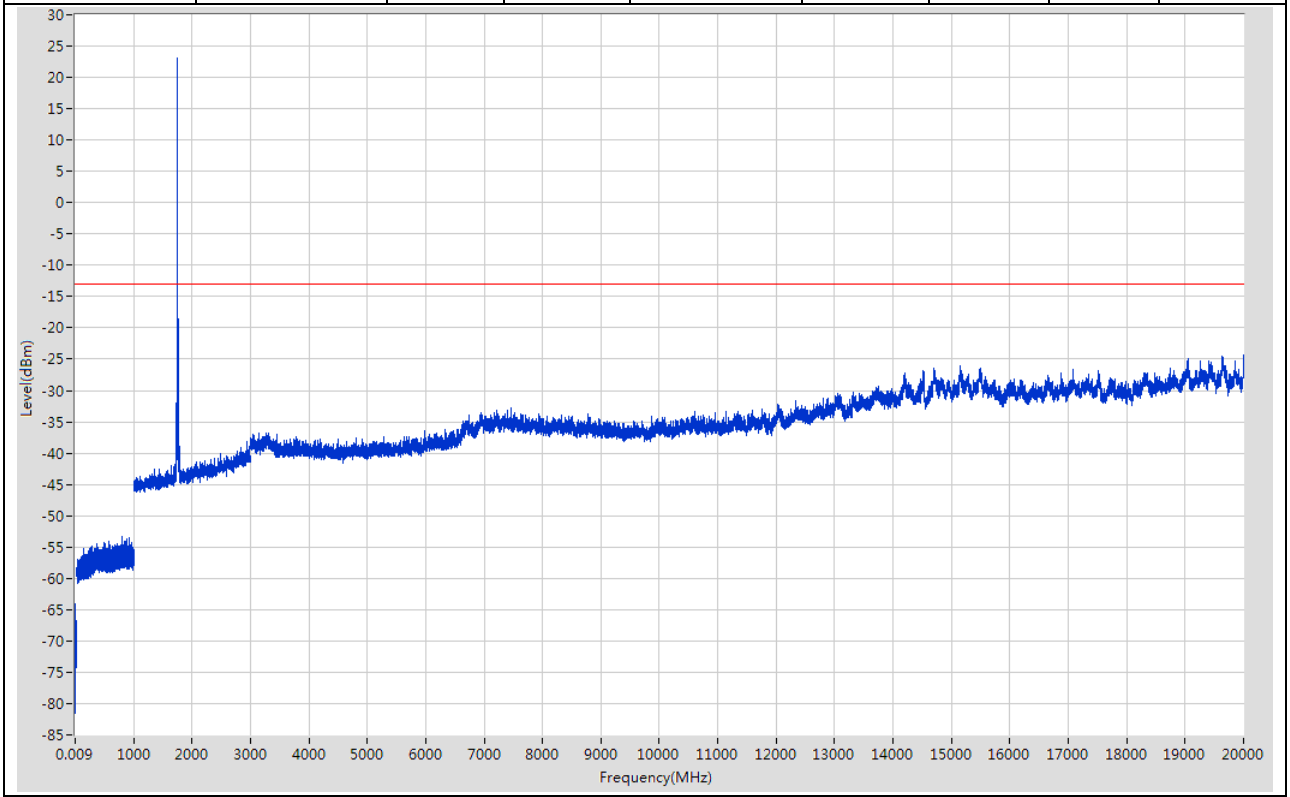
## 6.2. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:1412)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -67.12 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.08 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 801.894 | -53.03 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1733.367 | 22.9 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 19993.99 | -25.13 | -13 | Pass | 17000 |



## 6.3. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:1513)

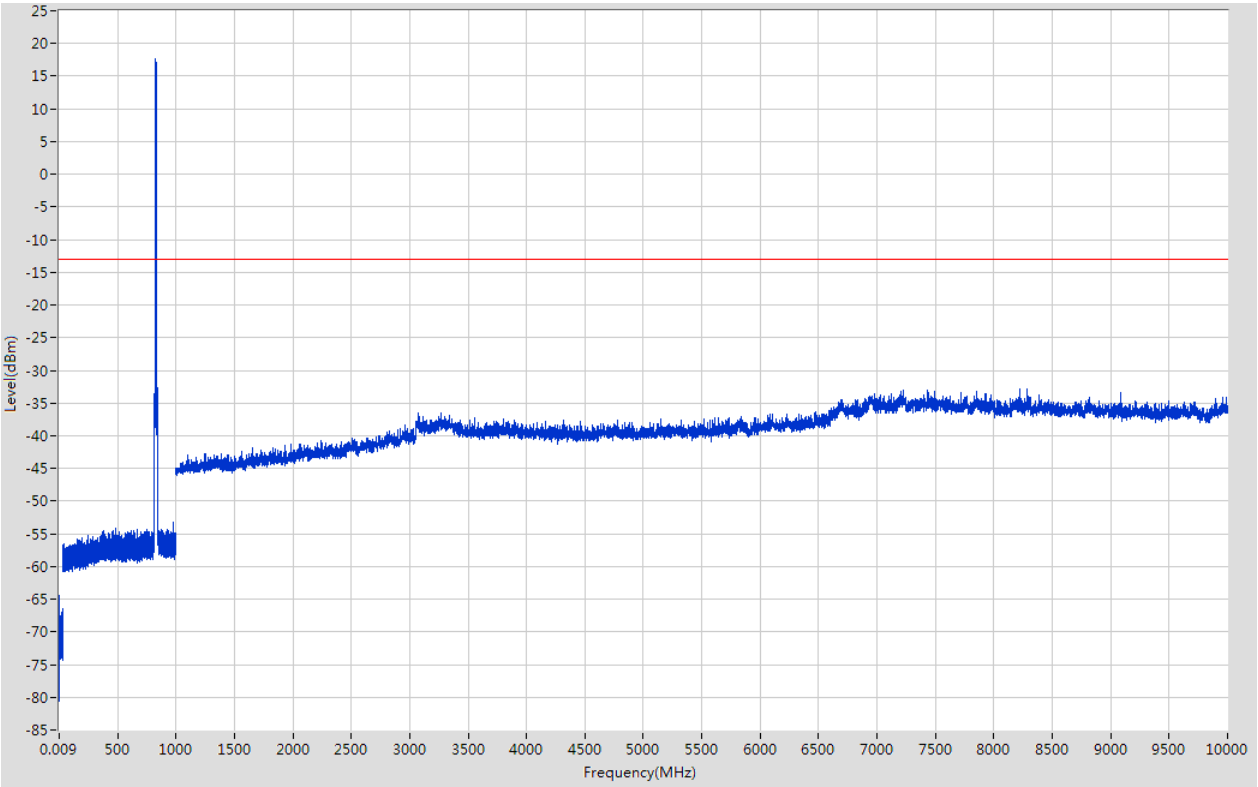
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -67.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.26 | -63.98 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | Peak | 809.895 | -53.39 | -13 | Pass | 9699 |
| 1000 | 3000 | 1 | Peak | 1751.376 | 23.02 | -13 | N/A | 2000 |
| 3000 | 20000 | 1 | Peak | 20000 | -24.3 | -13 | Pass | 17000 |



# 7. WCDMA_Band5

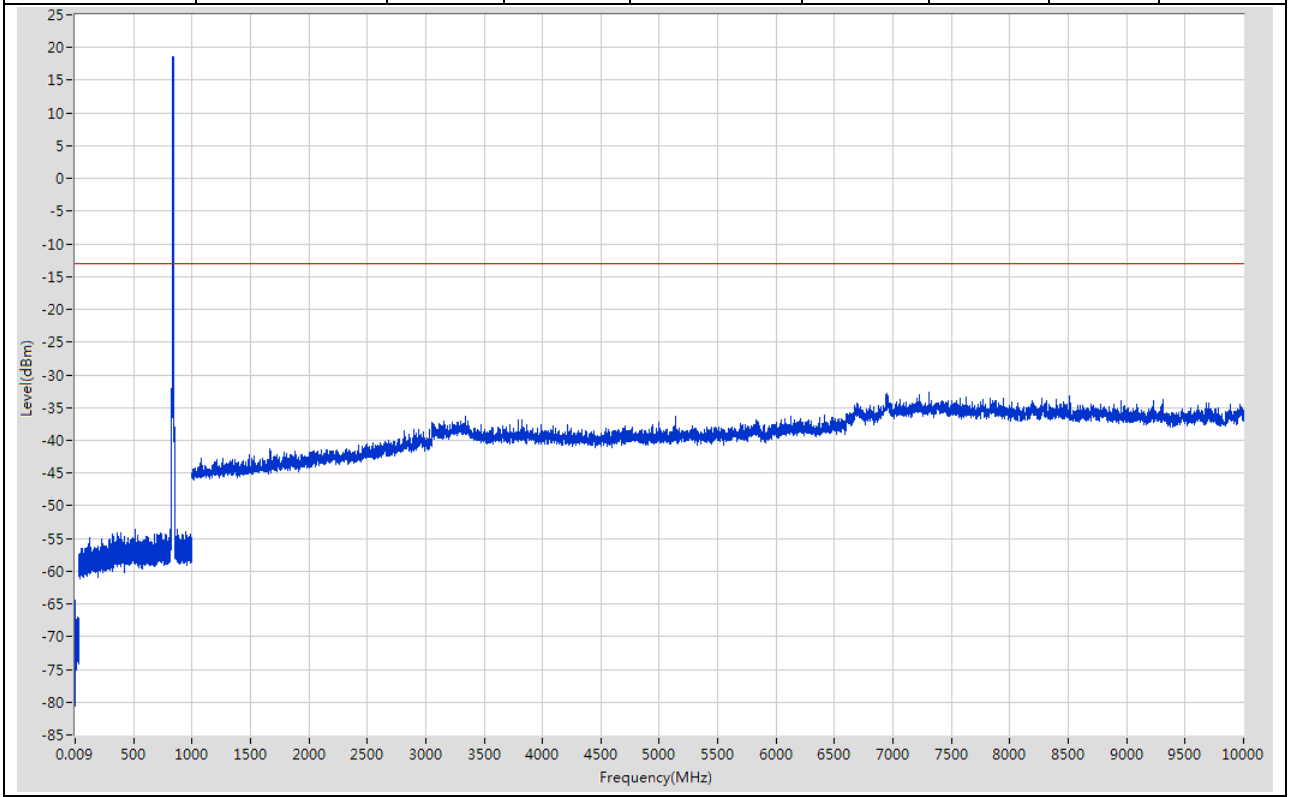
## 7.1. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:4132)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -67.74 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.35 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 481.596 | -54.06 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 827.065 | 17.6 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 8217.881 | -32.76 | -13 | Pass | 9000 |



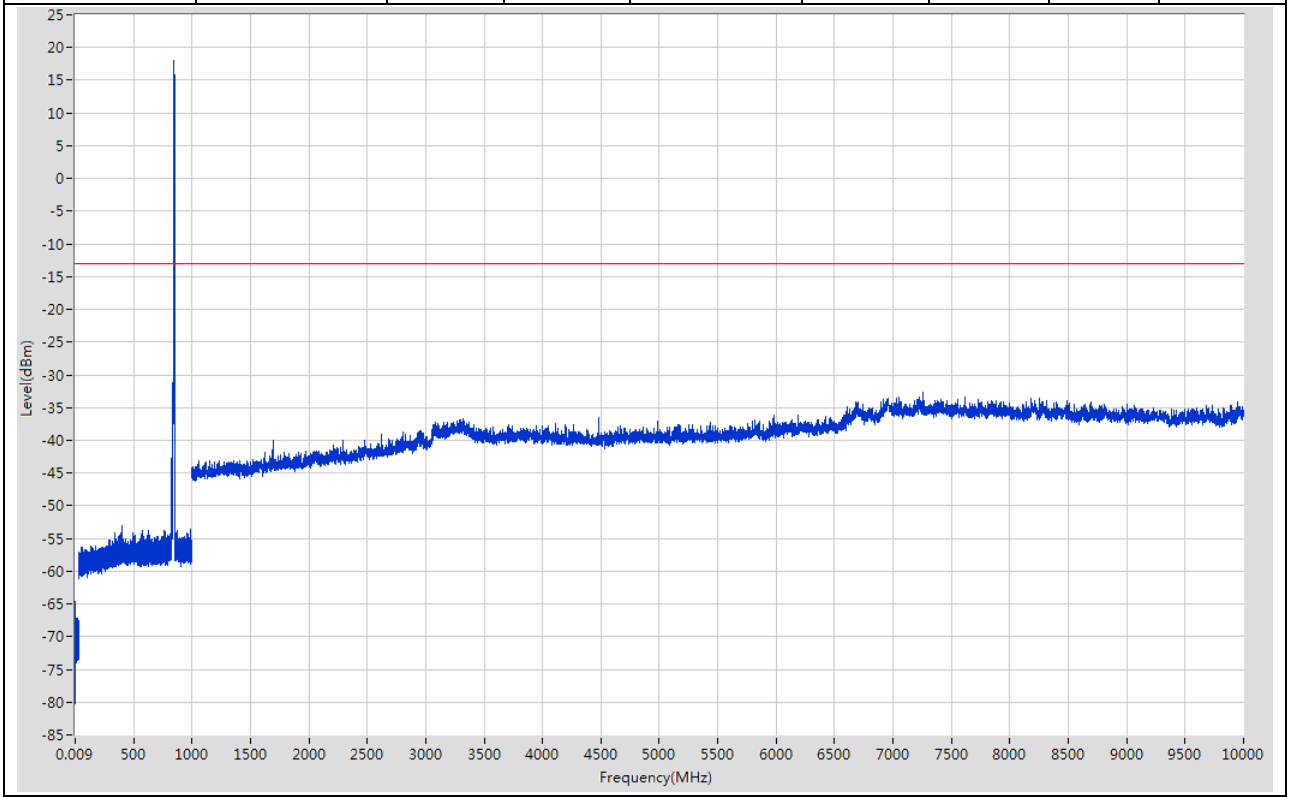
## 7.2. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:4182)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.017 | -68.97 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.29 | -64.5 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 393.377 | -54.17 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 837.668 | 18.59 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7303.77 | -32.7 | -13 | Pass | 9000 |



## 7.3. WCDMA Spurious Emission at Antenna Terminals(NTNV)(Channel:4233)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -67.88 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.31 | -64.7 | -13 | Pass | 2985 |
| 30 | 500 | 0.1 | Peak | 403.079 | -53.01 | -13 | Pass | 4700 |
| 500 | 1000 | 0.1 | Peak | 846.069 | 18.09 | -13 | N/A | 5000 |
| 1000 | 10000 | 1 | Peak | 7251.763 | -32.58 | -13 | Pass | 9000 |

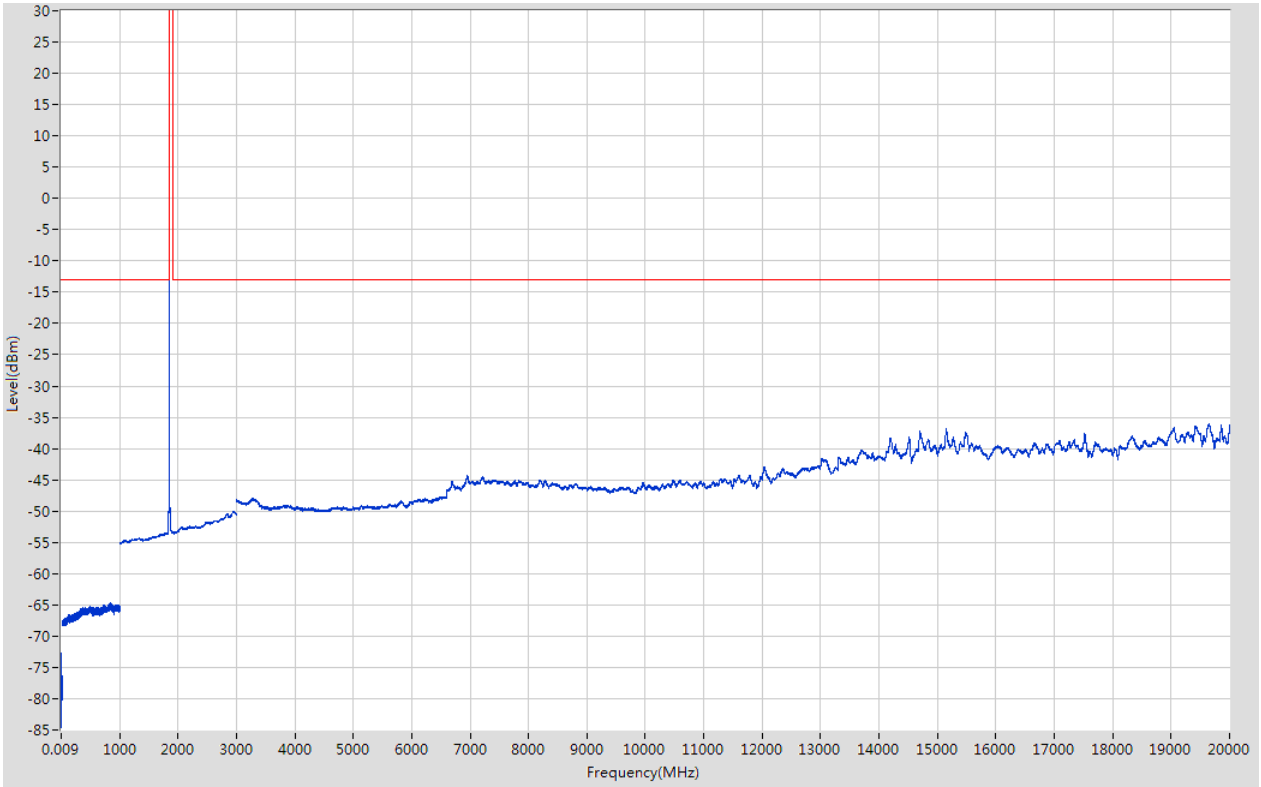


# LTE

## 8. LTE_Band2

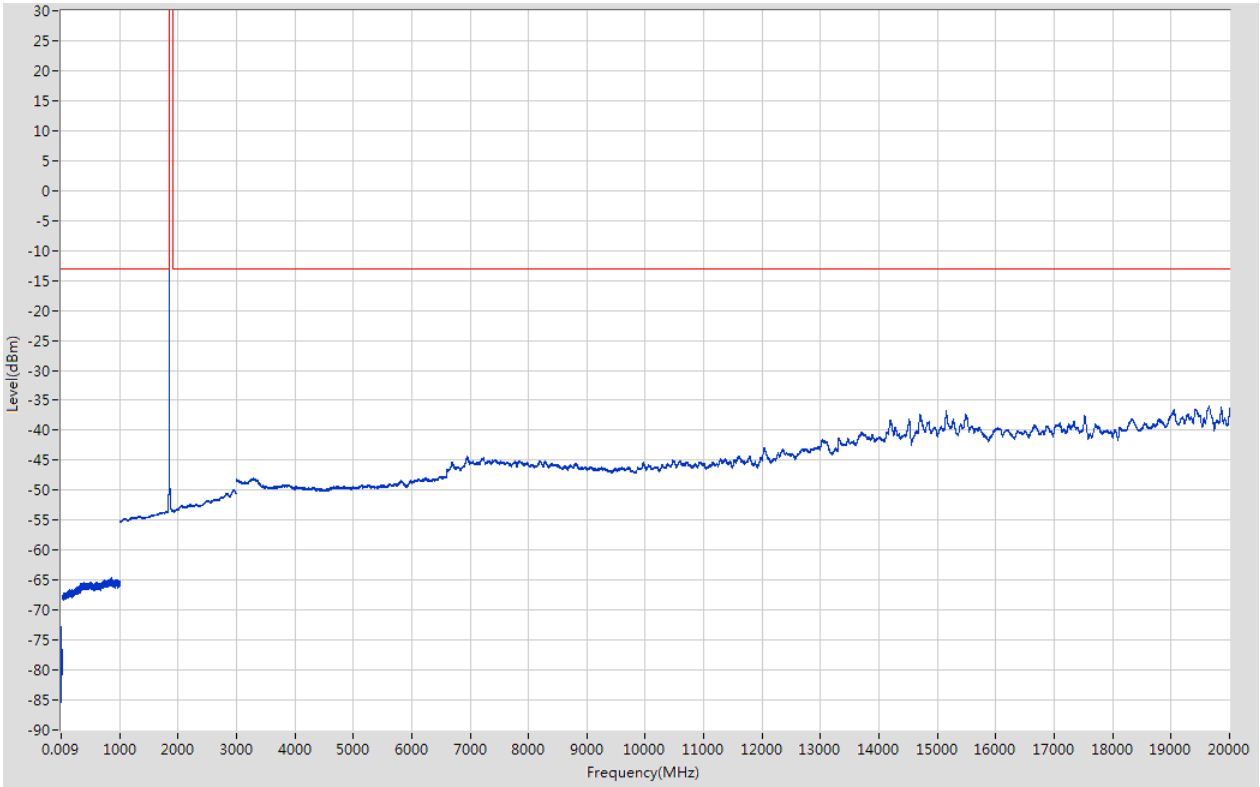
### 8.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.86 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.71 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 838.999 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -49.39 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 22.65 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2948.953 | -50 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.33 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36.04 | -13 | Pass | 8000 |



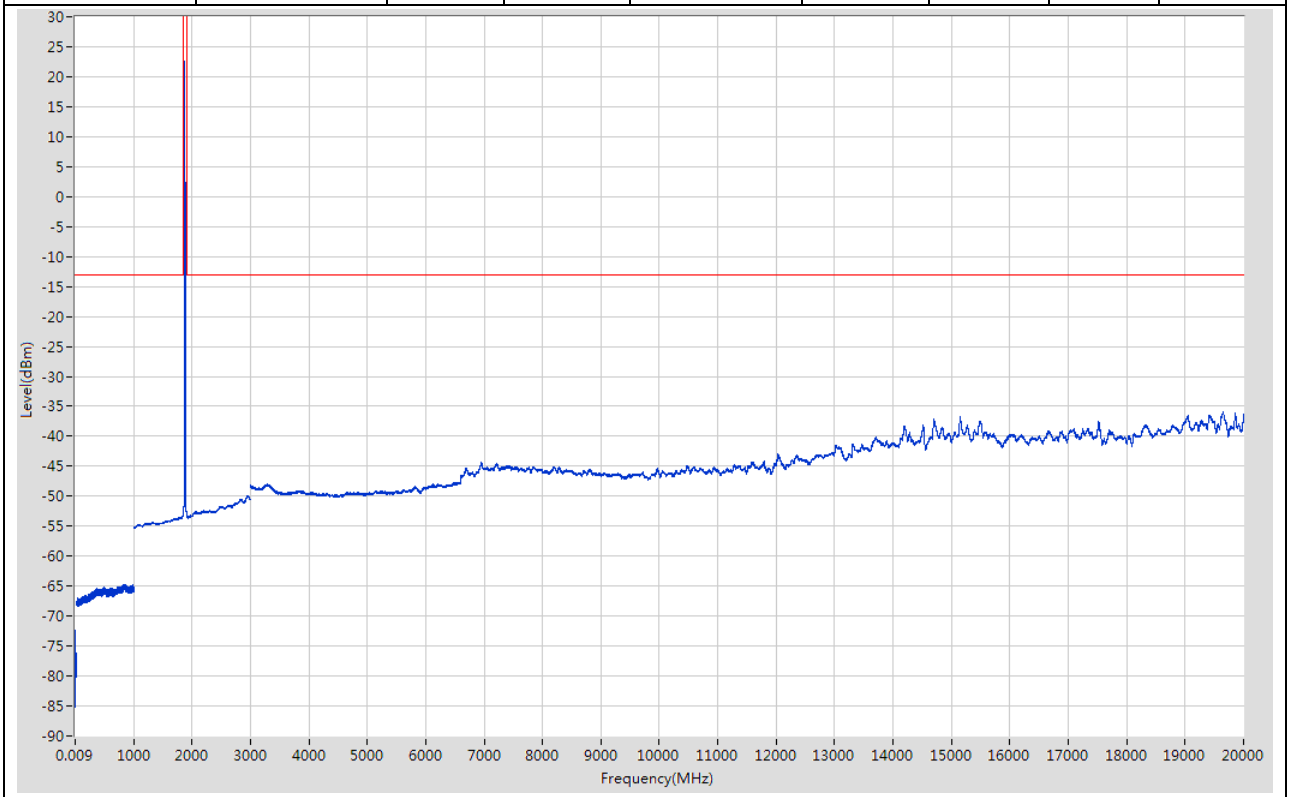
## 8.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.76 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 859.013 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -50.7 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 21.75 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2947.952 | -49.95 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.24 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36 | -13 | Pass | 8000 |



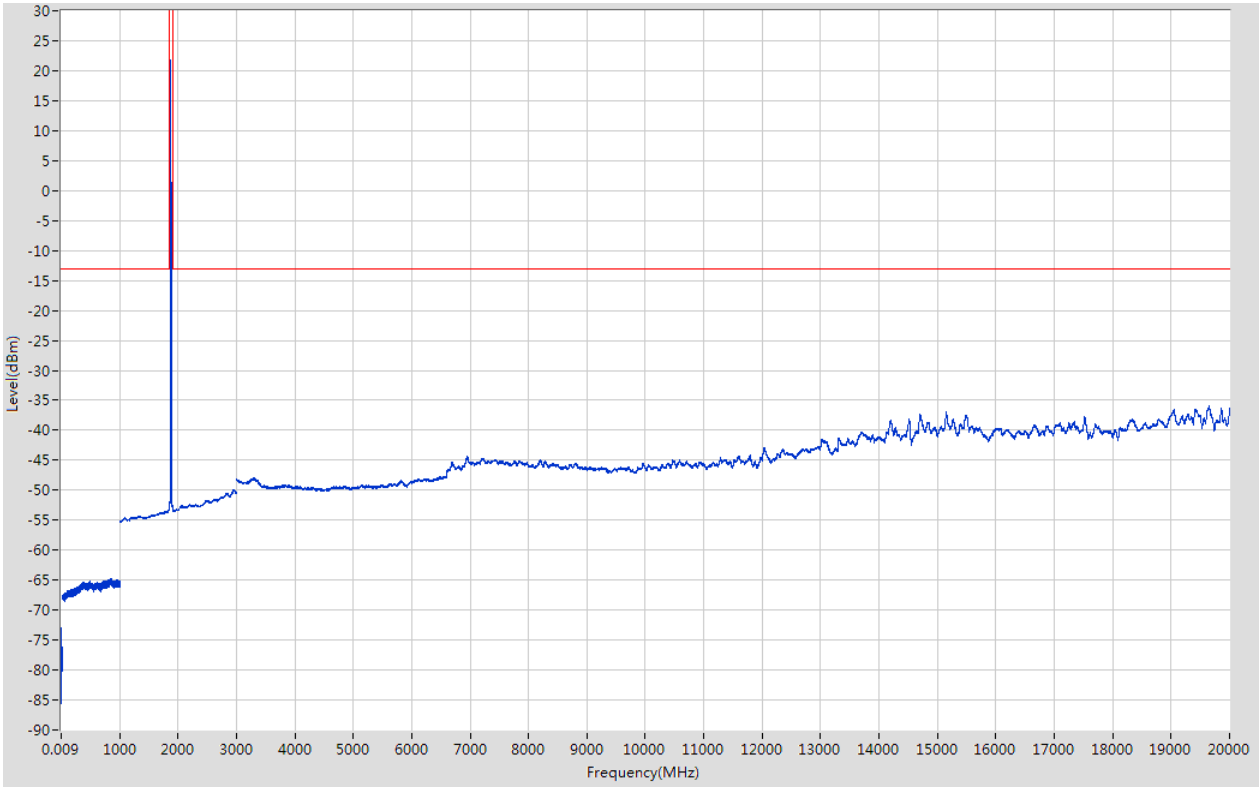
## 8.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:18900, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.44 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.32 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 831.198 | -64.75 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.21 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1879.4 | 22.59 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2946.951 | -50.02 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.98 | -13 | Pass | 8000 |



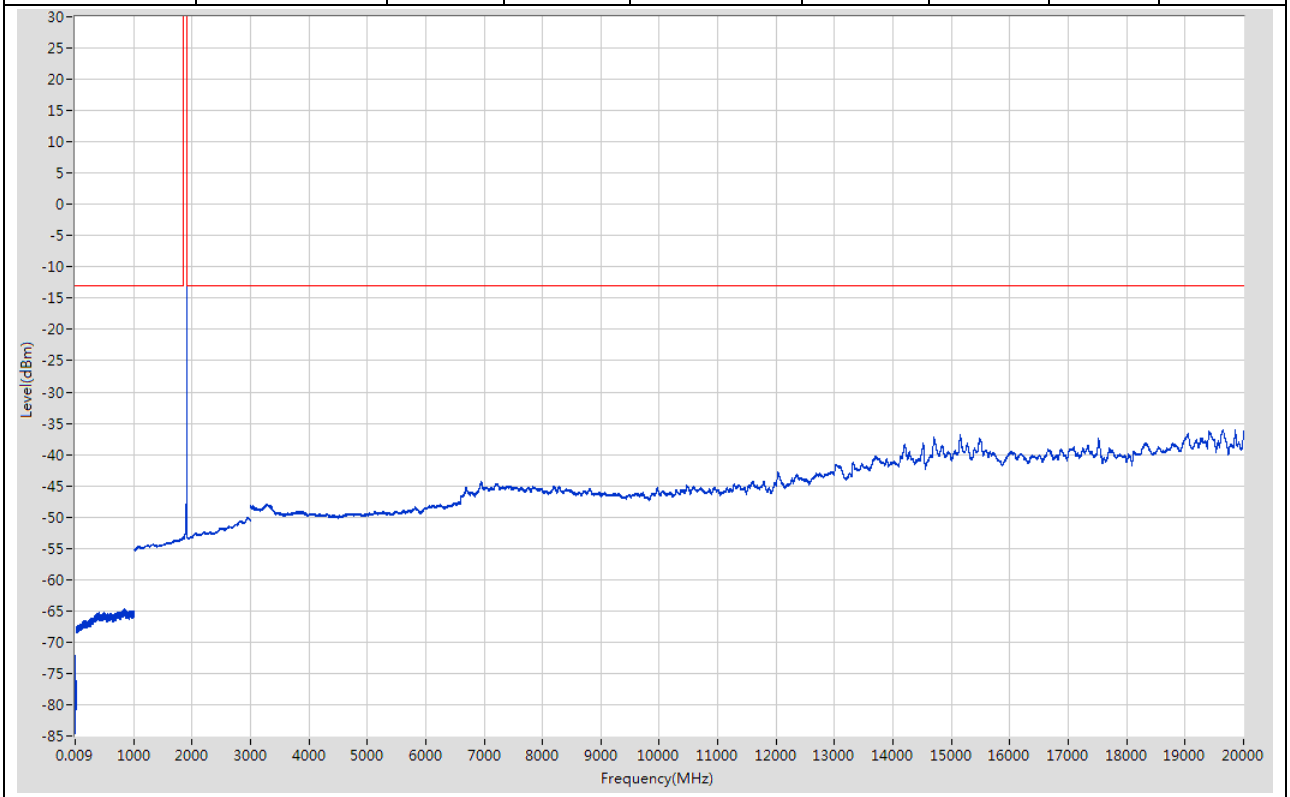
## 8.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:18900, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.55 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.91 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 847.3 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -53.27 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1879.4 | 21.69 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2948.953 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.98 | -13 | Pass | 8000 |



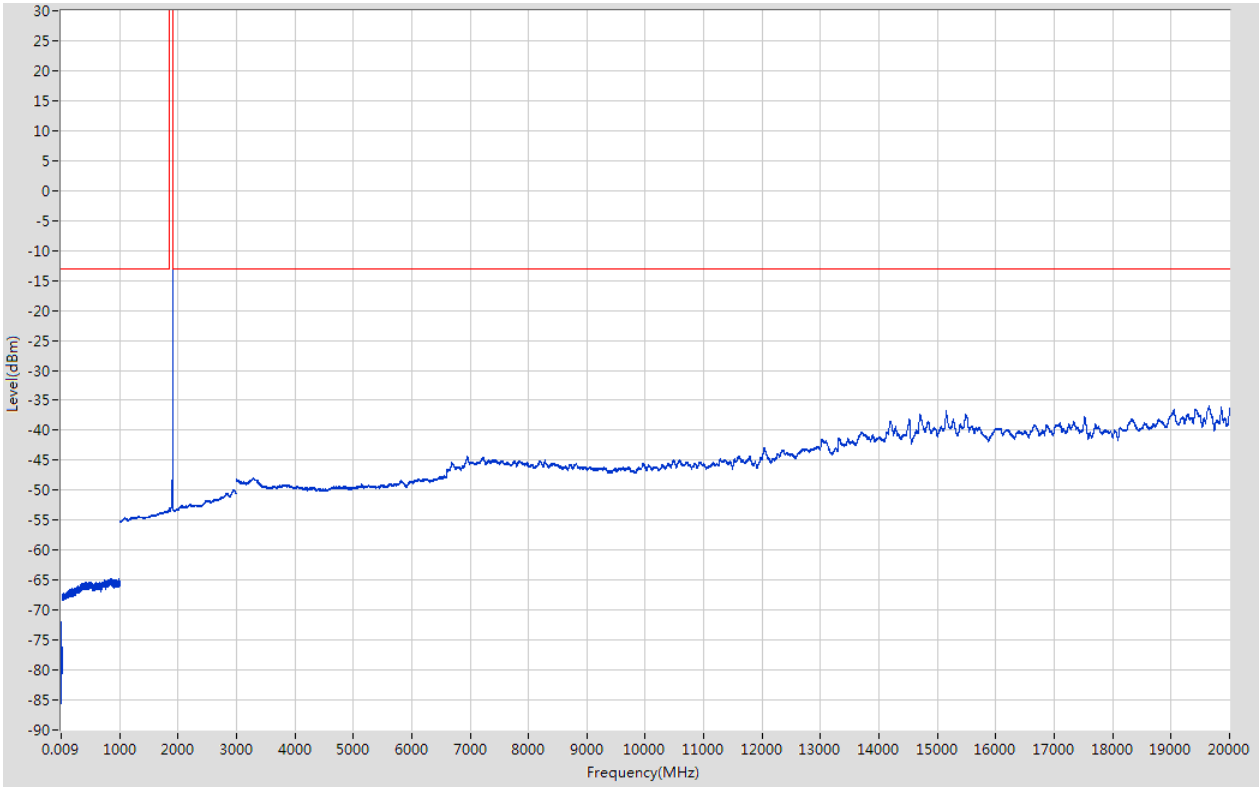
## 8.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.95 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.15 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.999 | -64.67 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1838.999 | -53.28 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1908.8 | 22.49 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2942.947 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19651.956 | -35.96 | -13 | Pass | 8000 |



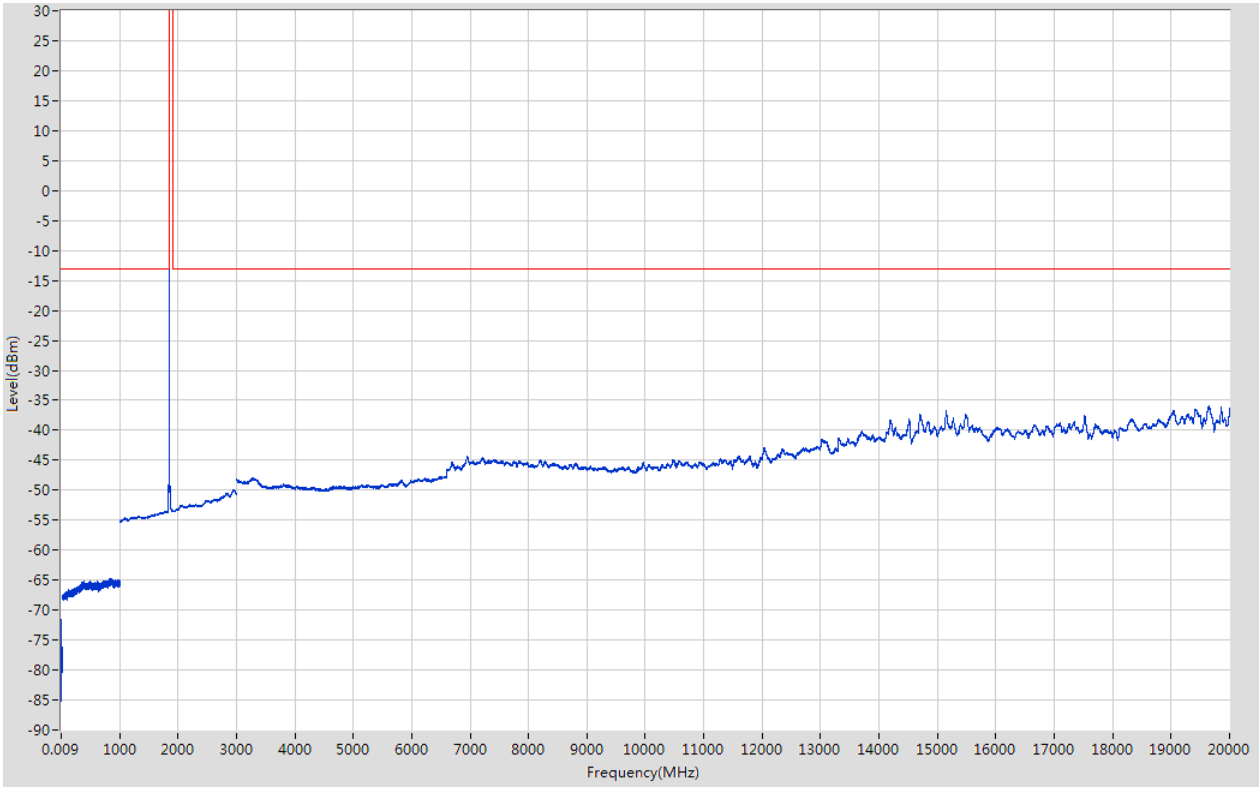
## 8.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.82 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.96 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.198 | -64.75 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.34 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1908.8 | 21.69 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2948.953 | -49.96 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.98 | -13 | Pass | 8000 |



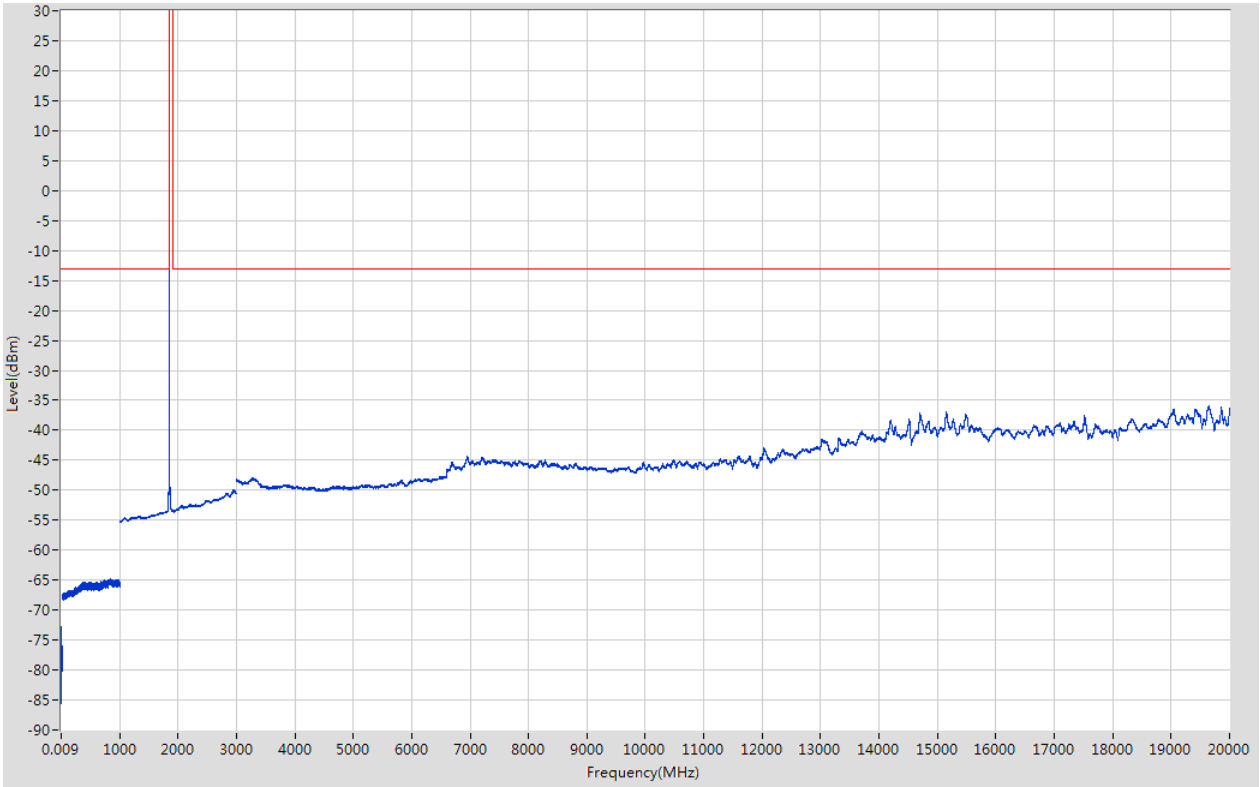
## 8.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.38 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.5 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 843.099 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1838.999 | -49.18 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 22.68 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2955.959 | -49.92 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -36 | -13 | Pass | 8000 |



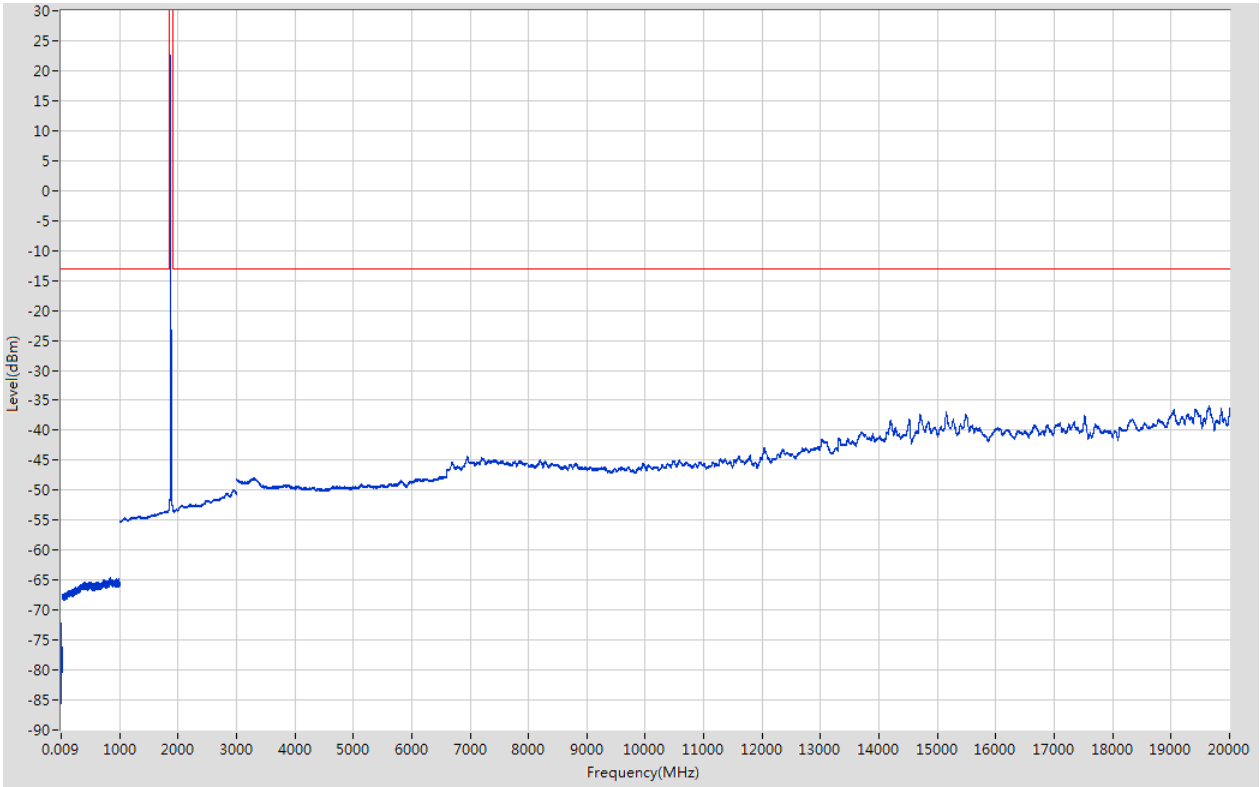
## 8.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.014 | -73.99 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.27 | -72.82 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 837.199 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1836.996 | -50.28 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 21.9 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2947.952 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.28 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36 | -13 | Pass | 8000 |



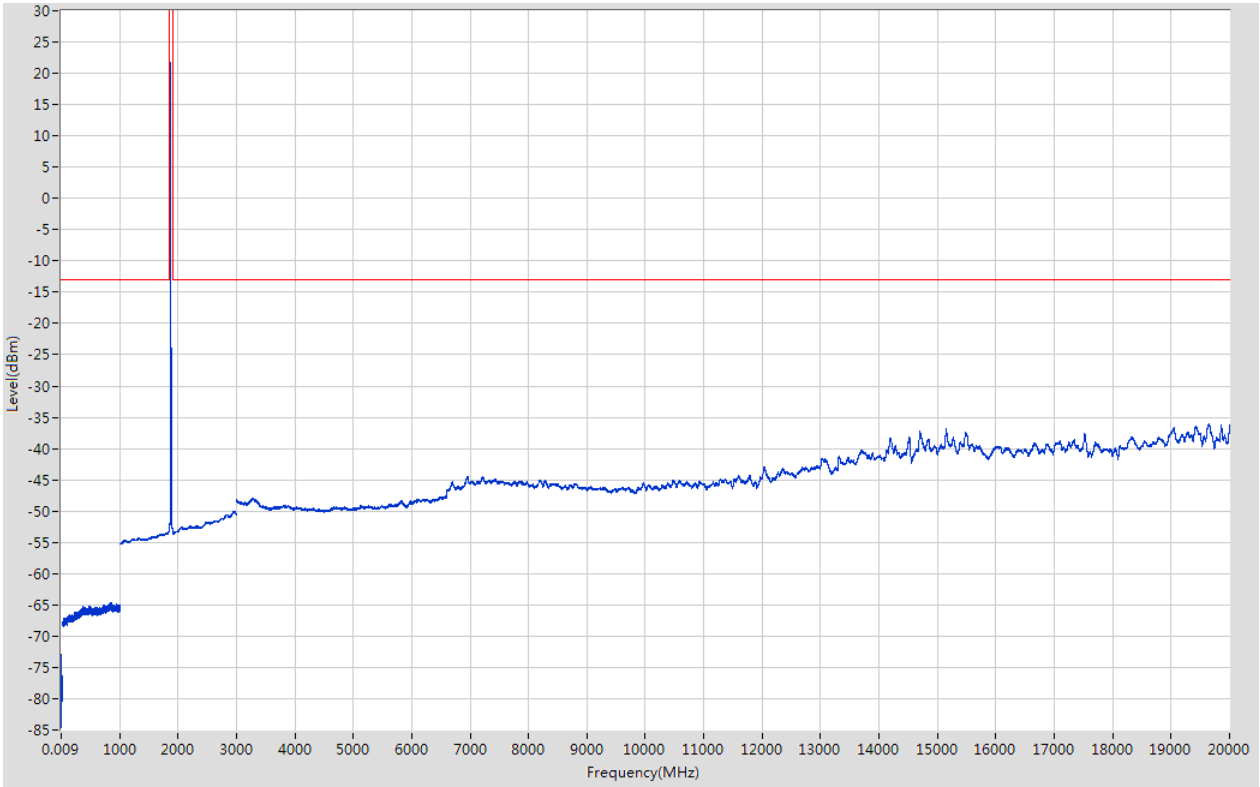
## 8.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:18900, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.19 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.08 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 848.8 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1838.999 | -53.26 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1878.6 | 22.63 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2957.961 | -50.01 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11791.742 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.95 | -13 | Pass | 8000 |



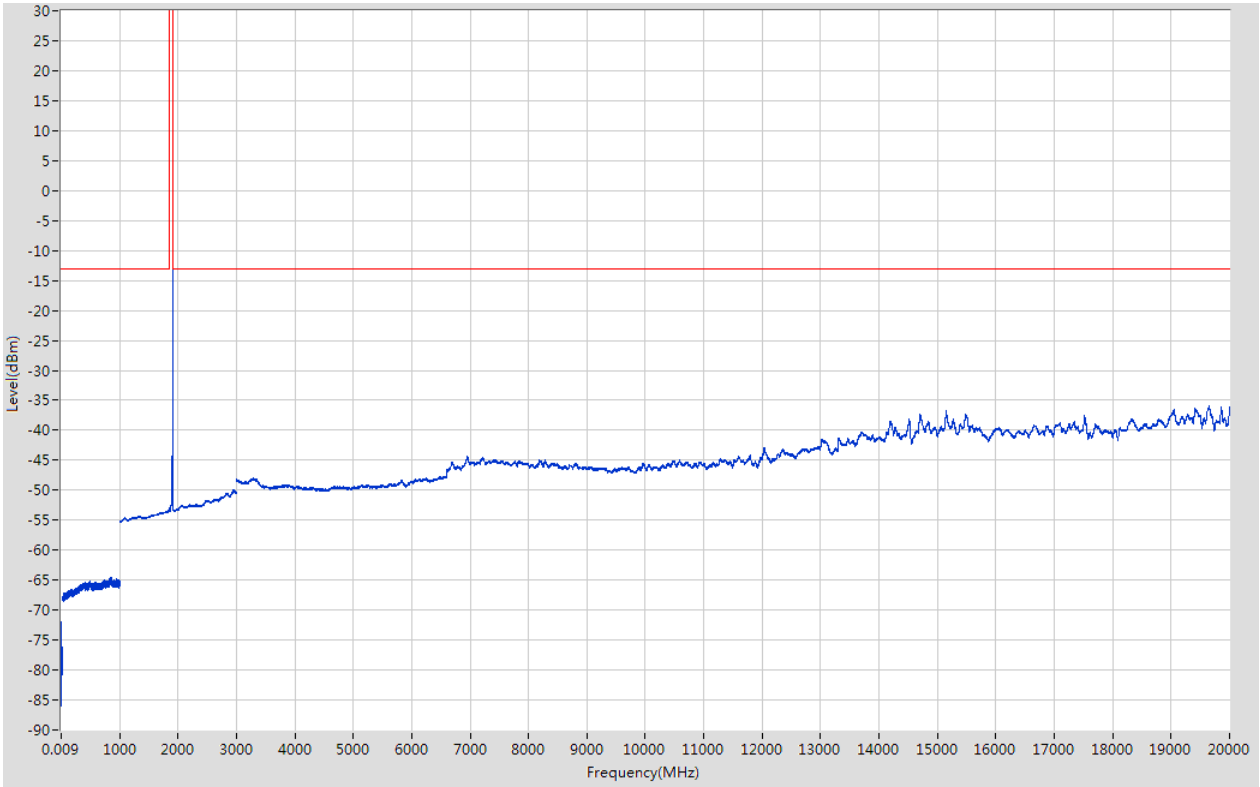
## 8.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:18900, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -75.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.83 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 857.311 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.29 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1878.6 | 21.71 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2954.958 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.28 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.96 | -13 | Pass | 8000 |



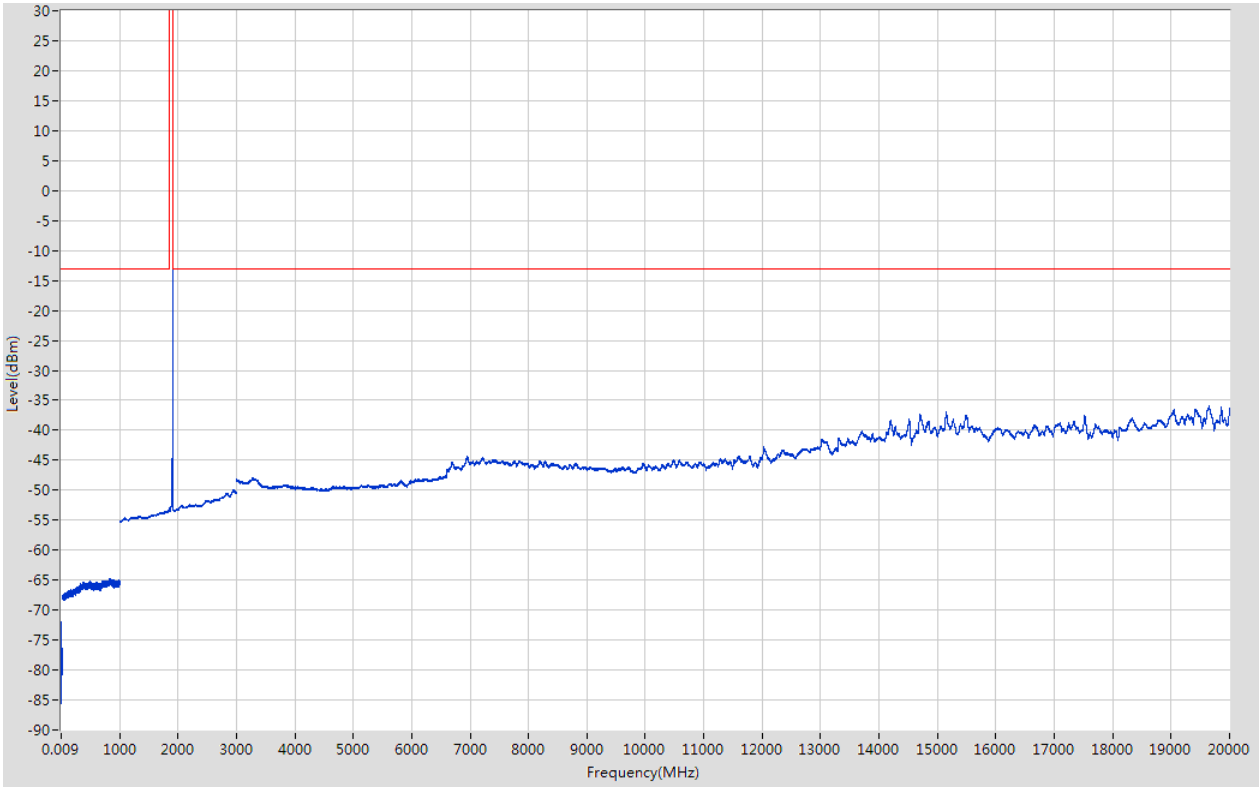
## 8.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.81 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.05 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 866.623 | -64.57 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.35 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1907.2 | 22.63 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2947.952 | -49.92 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -35.99 | -13 | Pass | 8000 |



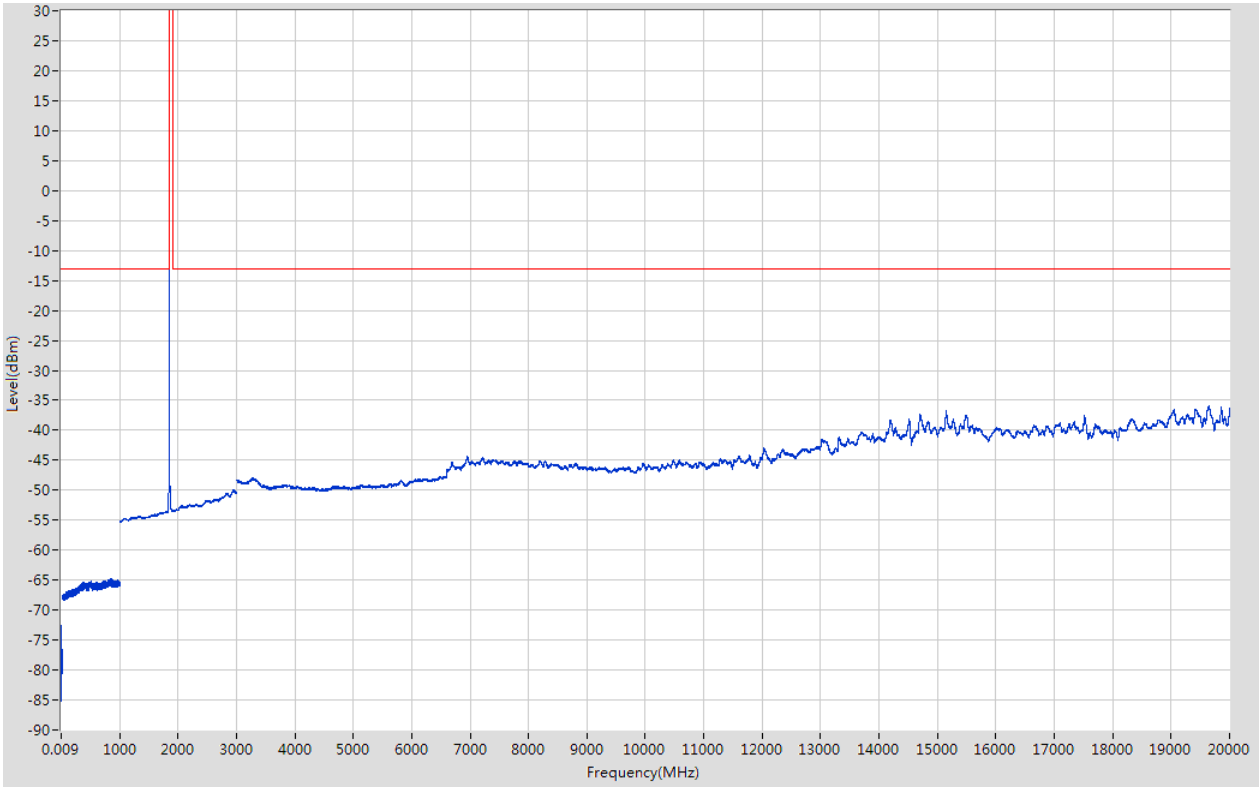
## 8.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.89 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 835.798 | -64.66 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1835.995 | -53.38 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1907.2 | 21.83 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2953.957 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.96 | -13 | Pass | 8000 |



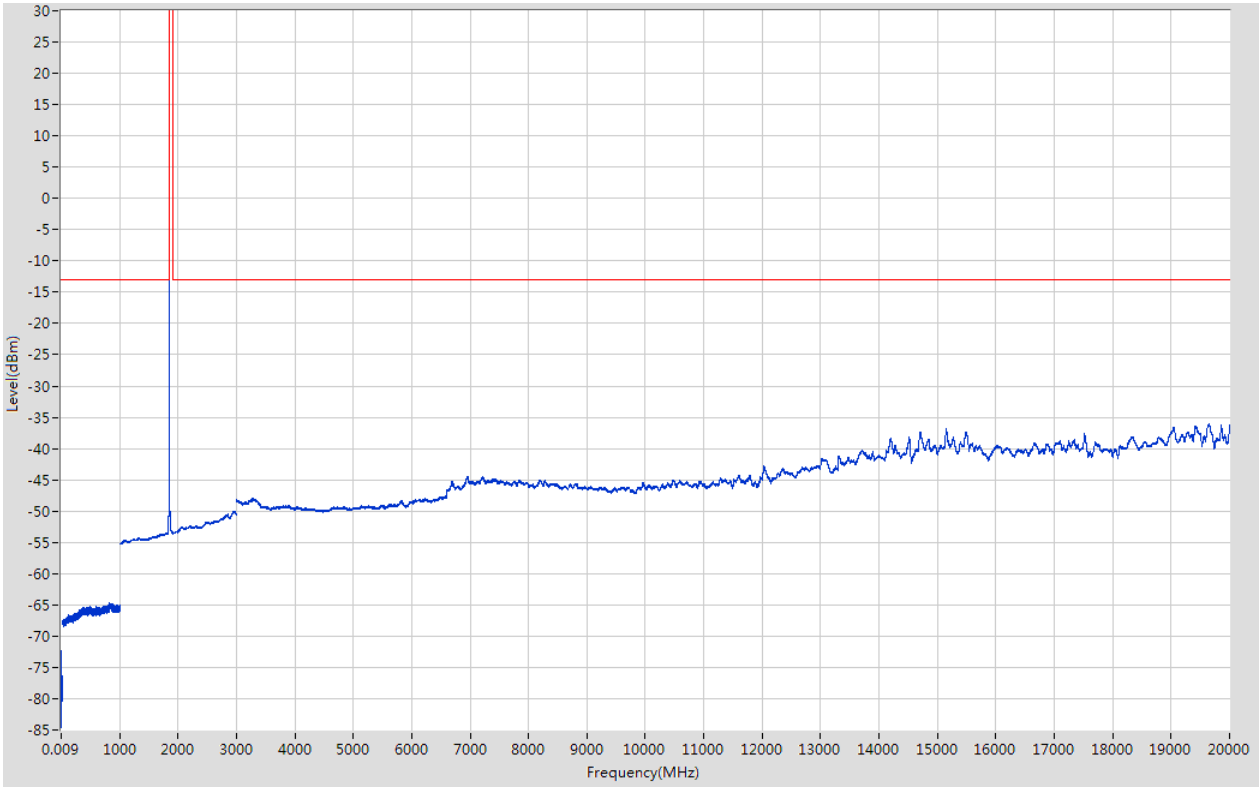
## 8.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.22 | -72.56 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 846.9 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -50.25 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 22.66 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2952.956 | -49.98 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.17 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.9 | -13 | Pass | 8000 |



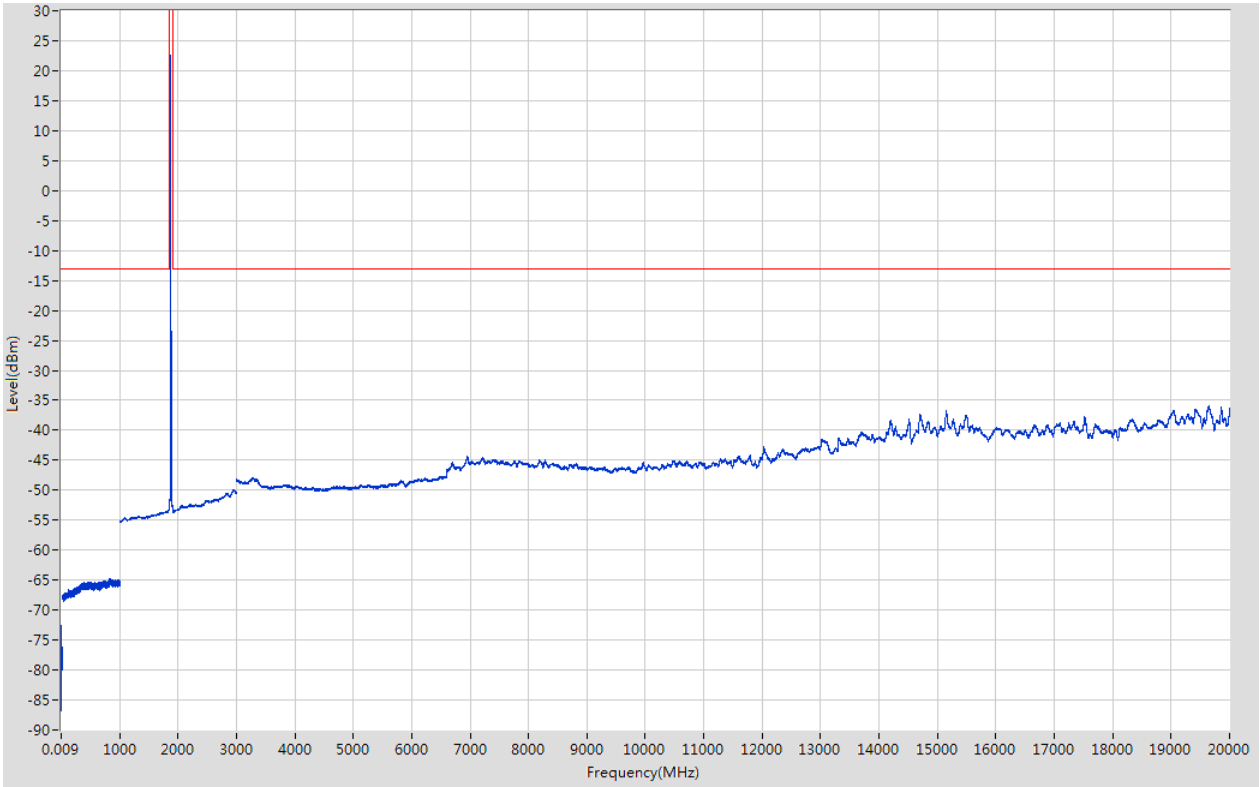
## 8.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.21 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.35 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 830.698 | -64.72 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -50.61 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.2 | 21.83 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2950.955 | -50 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11605.512 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36.01 | -13 | Pass | 8000 |



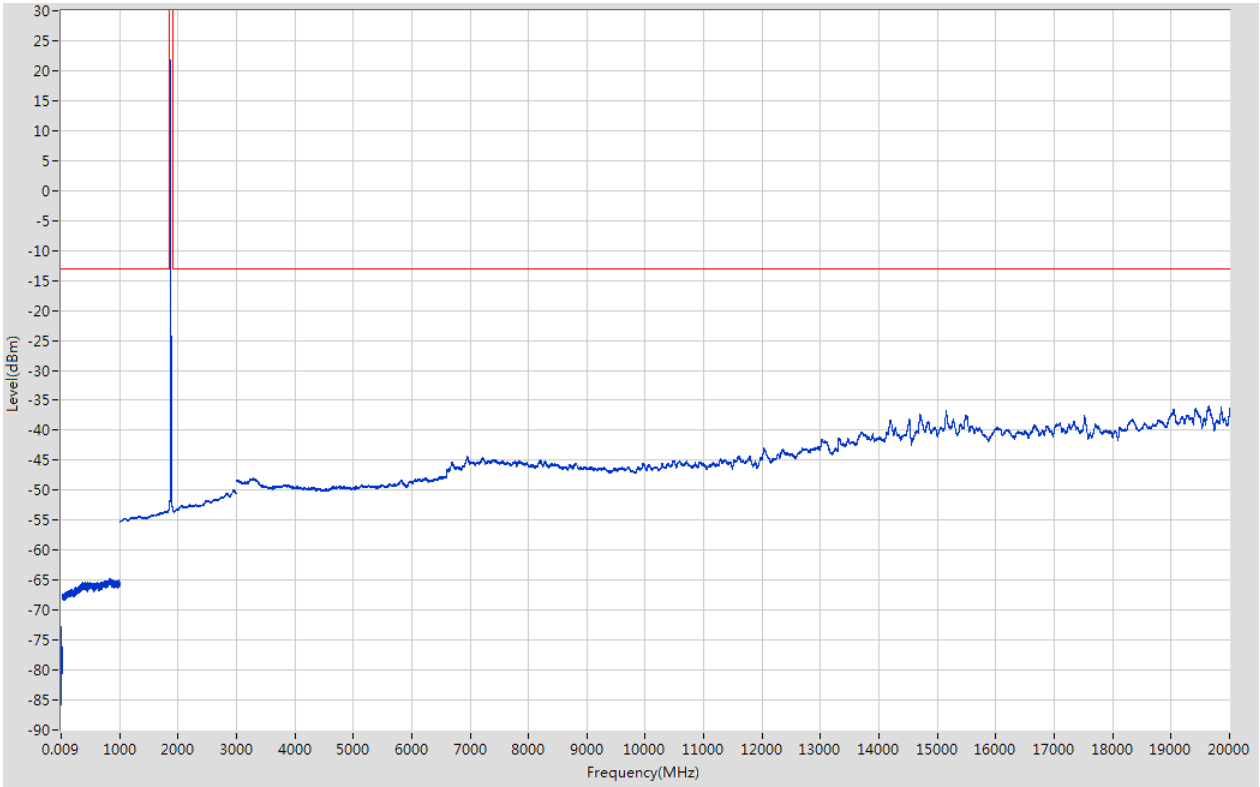
## 8.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:18900, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.3 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.23 | -72.56 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 830.598 | -64.75 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.26 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1877.8 | 22.57 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2956.96 | -49.96 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.94 | -13 | Pass | 8000 |



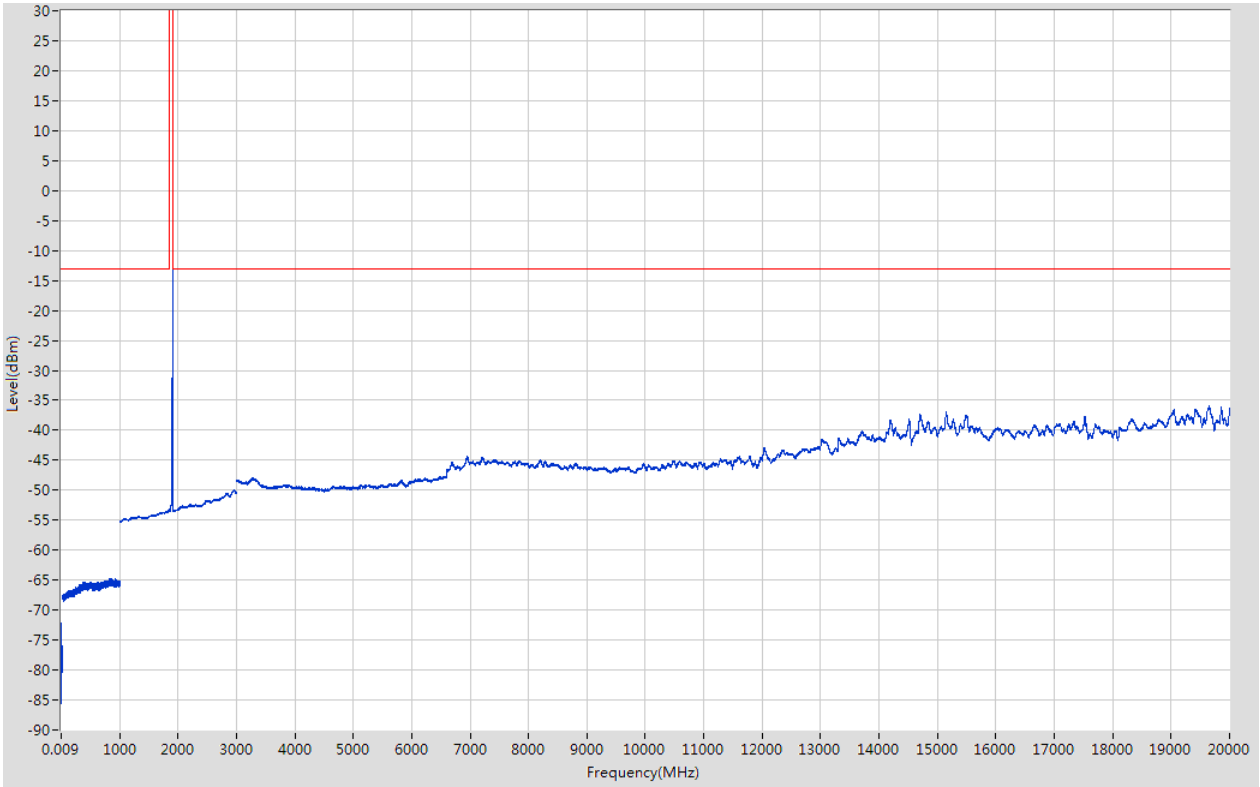
## 8.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:18900, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.7 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 851.203 | -64.74 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.25 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1877.8 | 21.79 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2940.945 | -50.02 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11601.507 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -35.97 | -13 | Pass | 8000 |



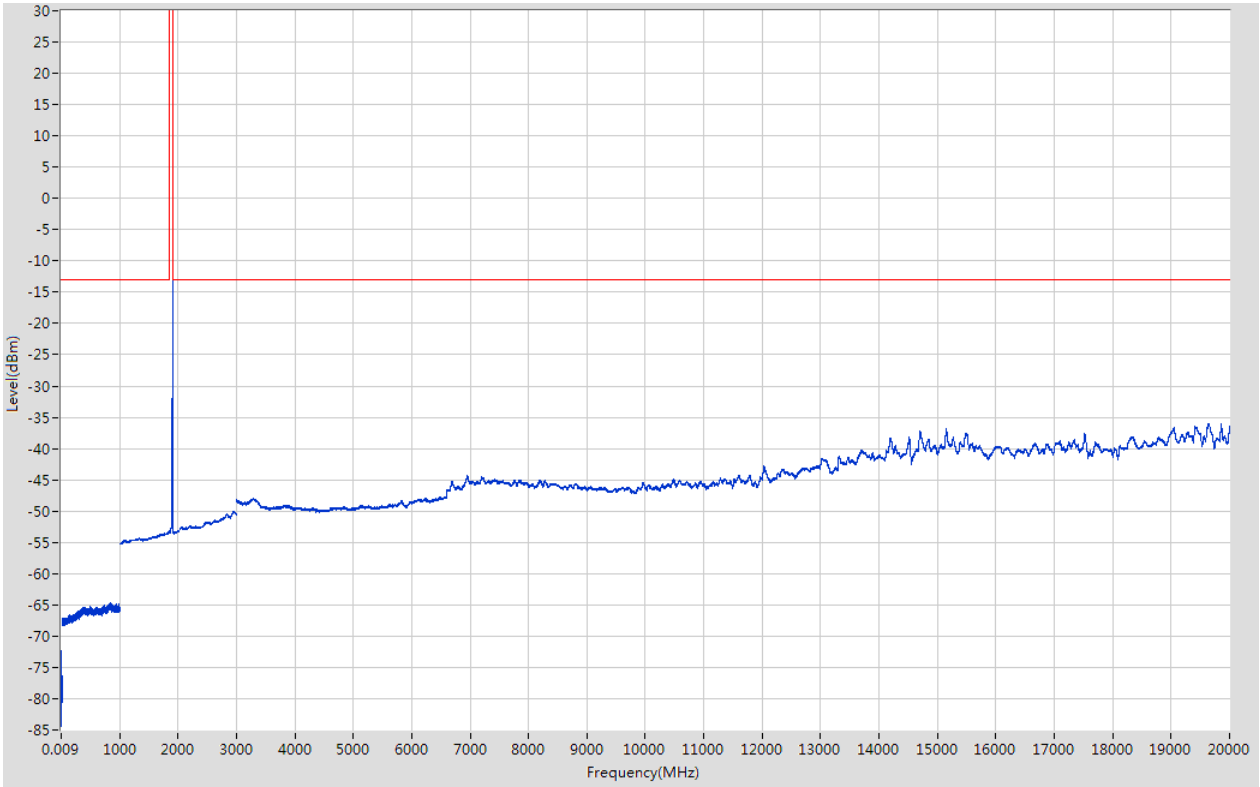
## 8.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.79 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.17 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 849.1 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1836.996 | -53.37 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1905.2 | 22.5 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2949.954 | -50 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36 | -13 | Pass | 8000 |



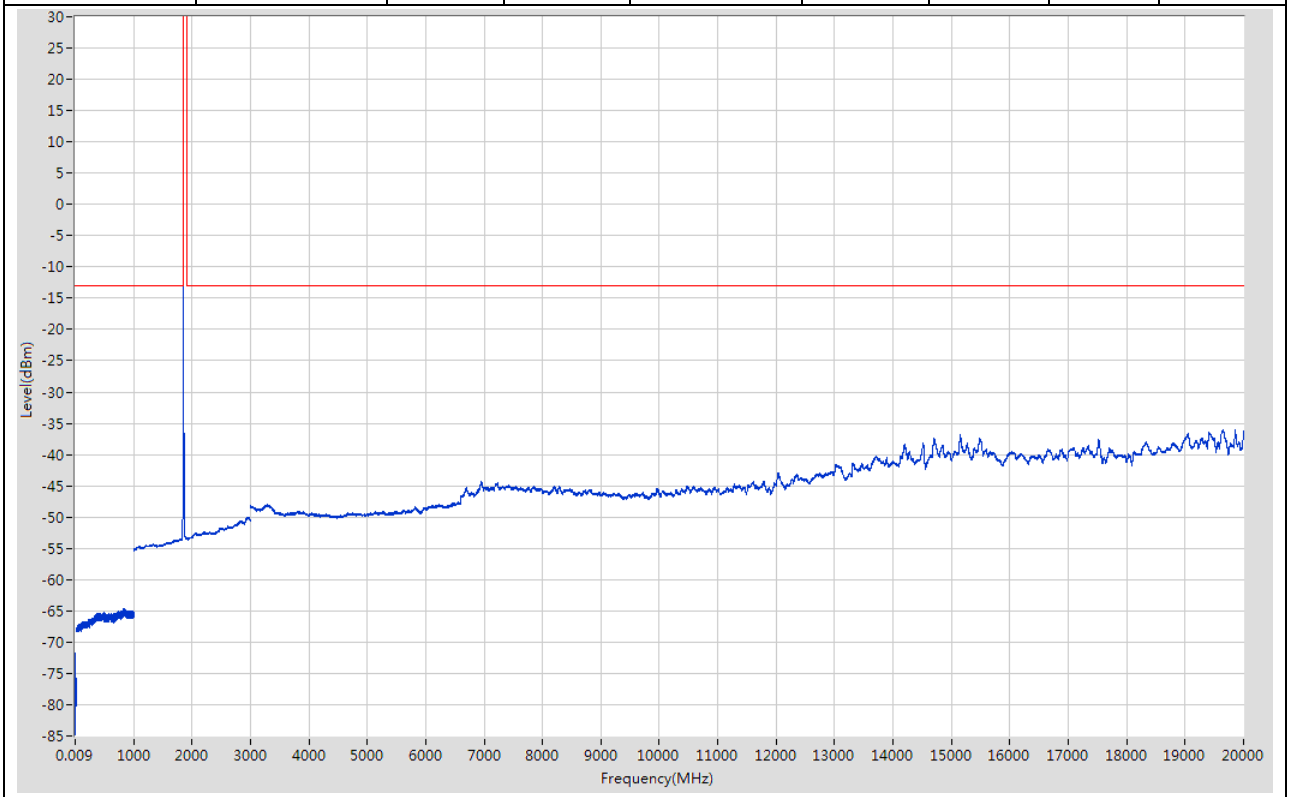
## 8.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.62 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.36 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 845.2 | -64.67 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -53.4 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1905.2 | 21.81 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2952.956 | -49.98 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36.04 | -13 | Pass | 8000 |



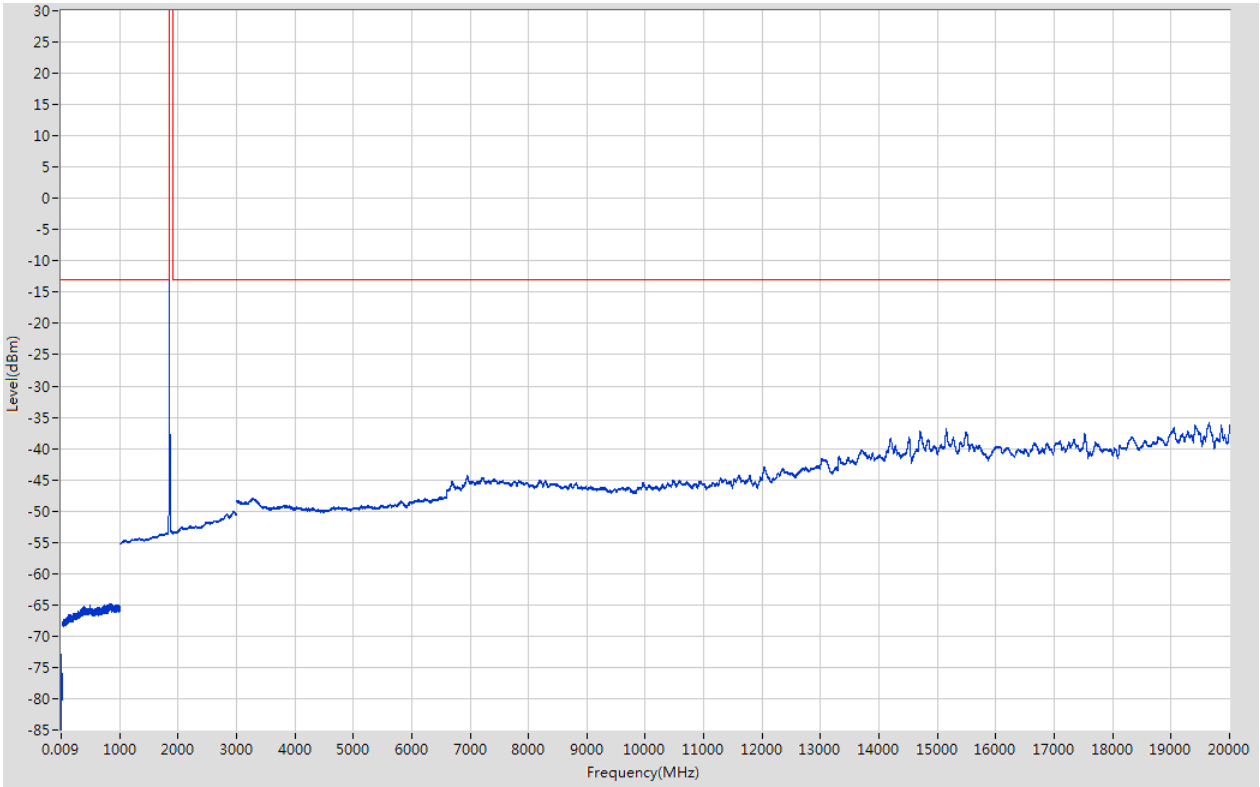
## 8.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:18650, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.64 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.75 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.199 | -64.65 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -50.15 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.4 | 22.4 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2956.96 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.23 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.99 | -13 | Pass | 8000 |



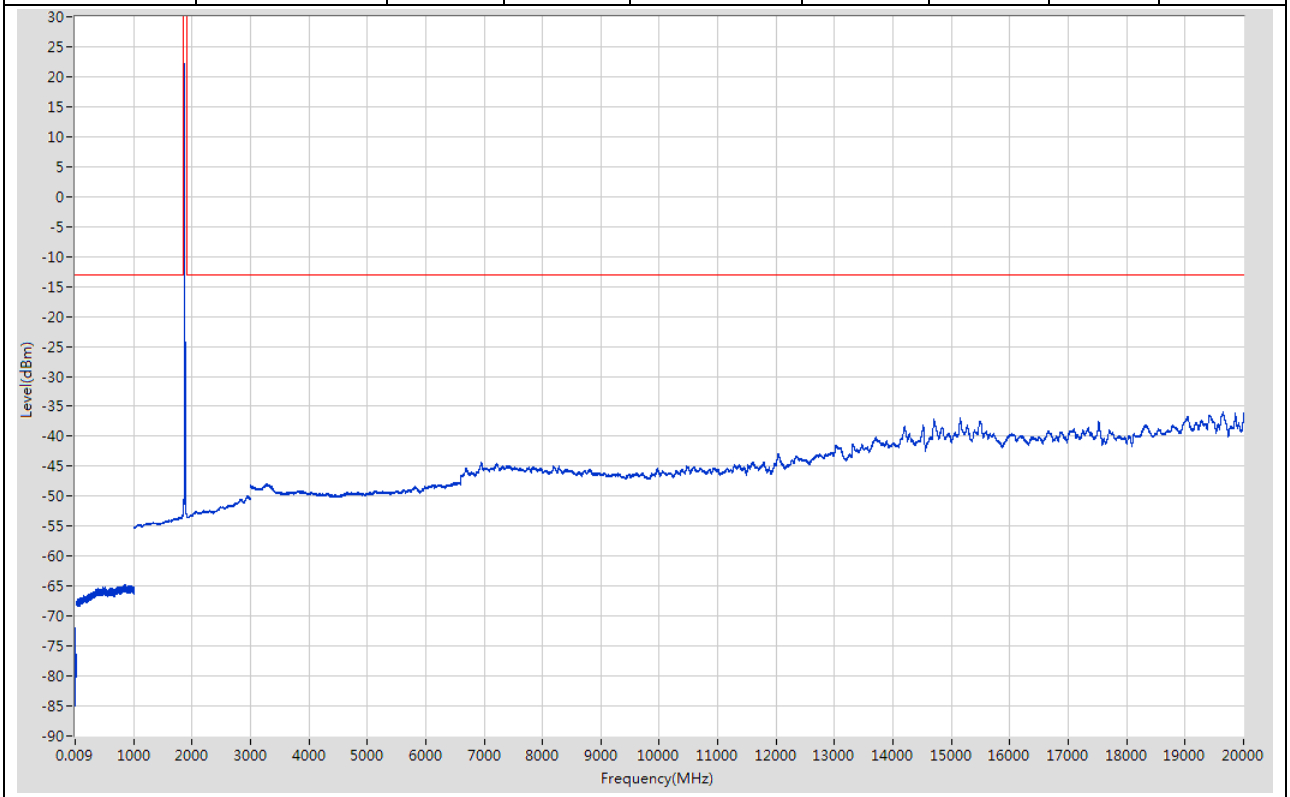
## 8.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:18650, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.5 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.84 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 837.599 | -64.78 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -50.48 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.4 | 21.51 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2956.96 | -49.97 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.24 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.83 | -13 | Pass | 8000 |



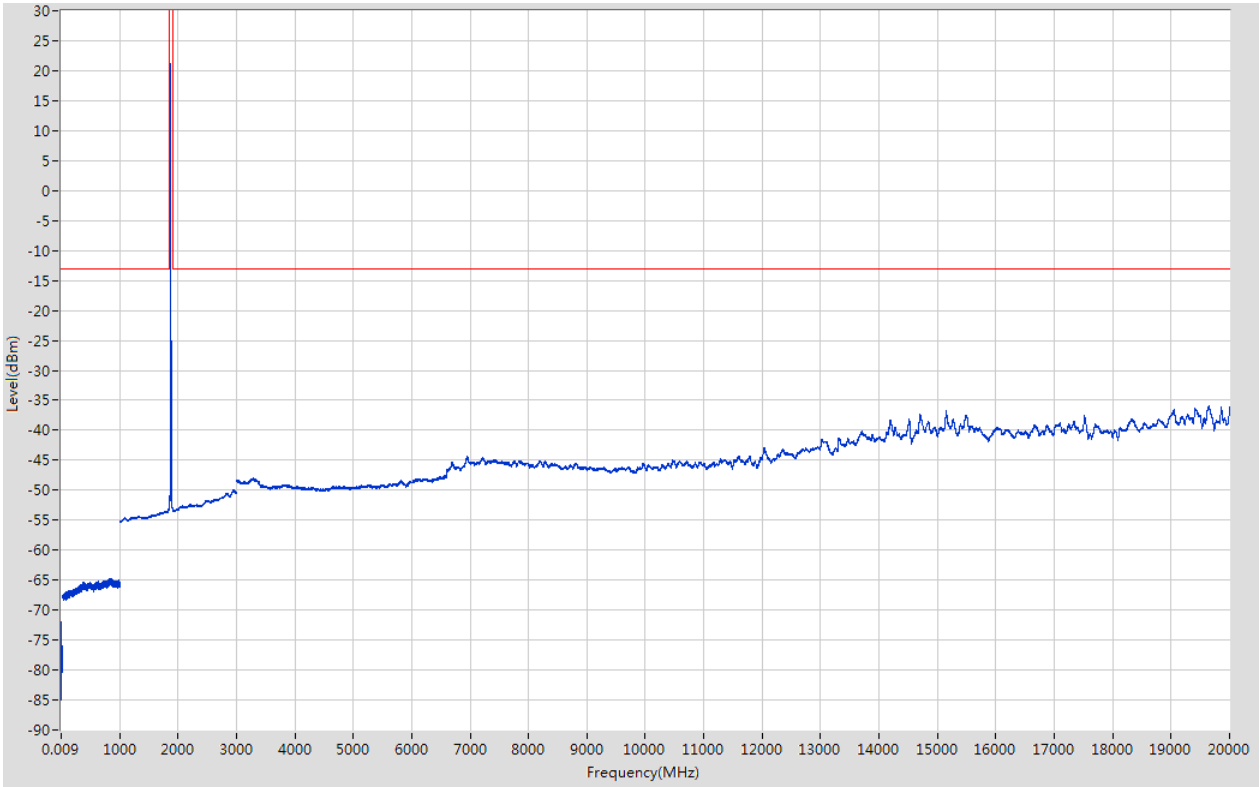
## 8.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:18900, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.94 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.99 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.398 | -64.71 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.23 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1875.4 | 22.17 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2956.96 | -49.95 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.95 | -13 | Pass | 8000 |



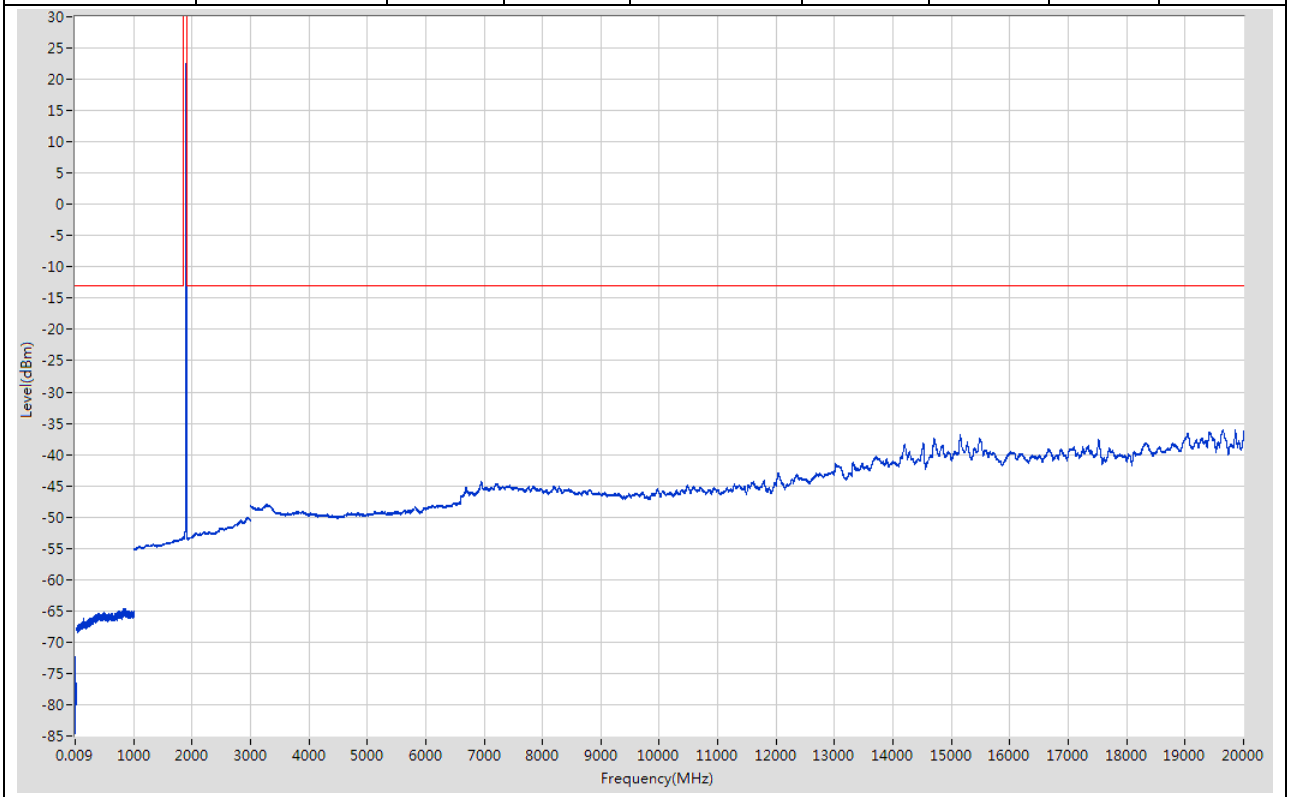
## 8.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:18900, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -75.26 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.97 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 832.198 | -64.72 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.14 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1875.4 | 21.27 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2956.96 | -49.96 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.92 | -13 | Pass | 8000 |



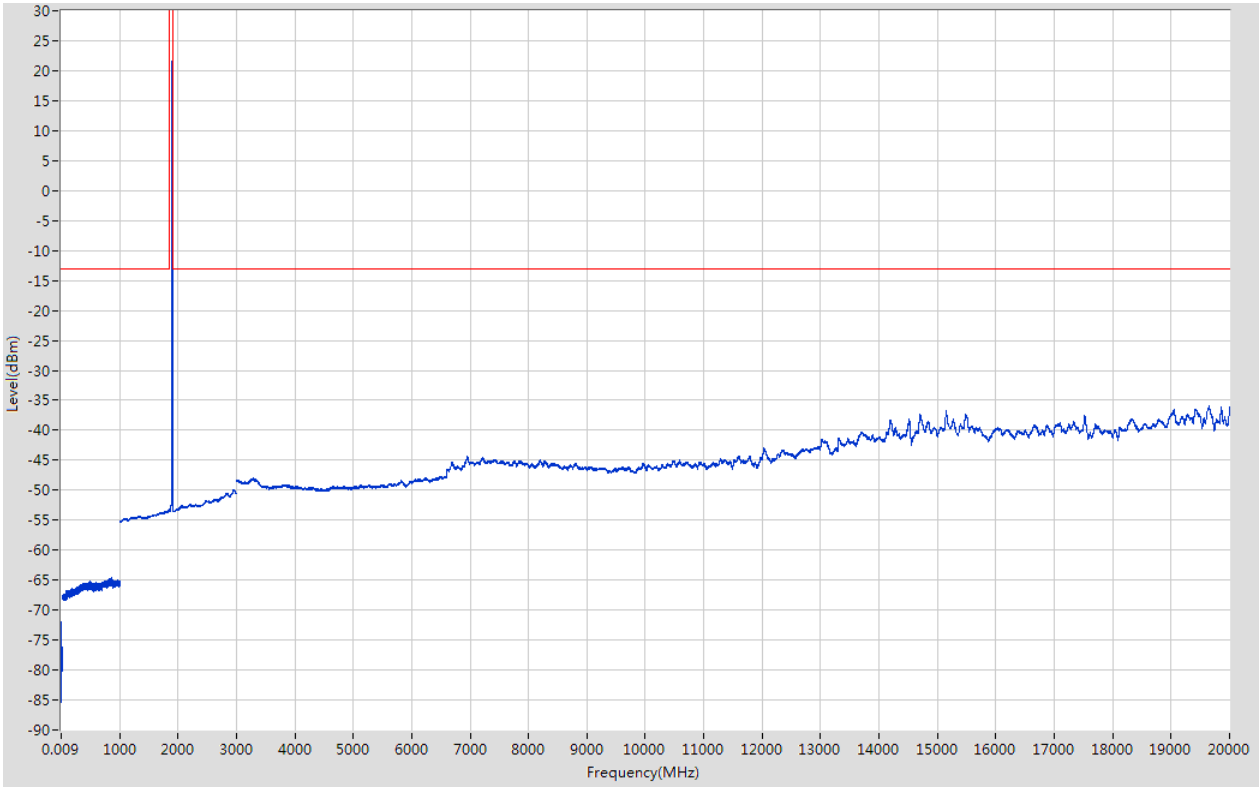
## 8.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:19150, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.77 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.38 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.199 | -64.61 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1838.999 | -53.34 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1900.4 | 22.54 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2950.955 | -50.03 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.2 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36.03 | -13 | Pass | 8000 |



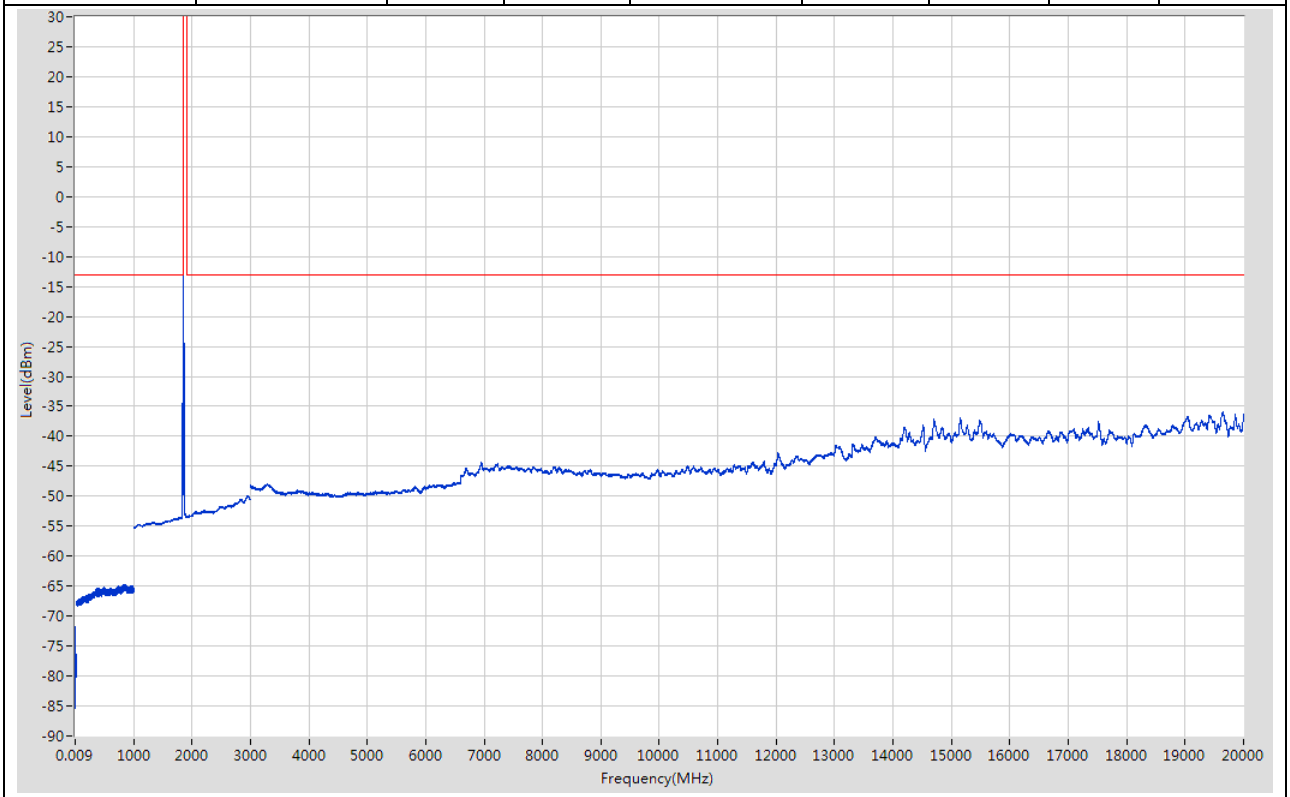
## 8.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:19150, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.91 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 853.906 | -64.65 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.36 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1900.4 | 21.62 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2950.955 | -50 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19651.956 | -35.93 | -13 | Pass | 8000 |



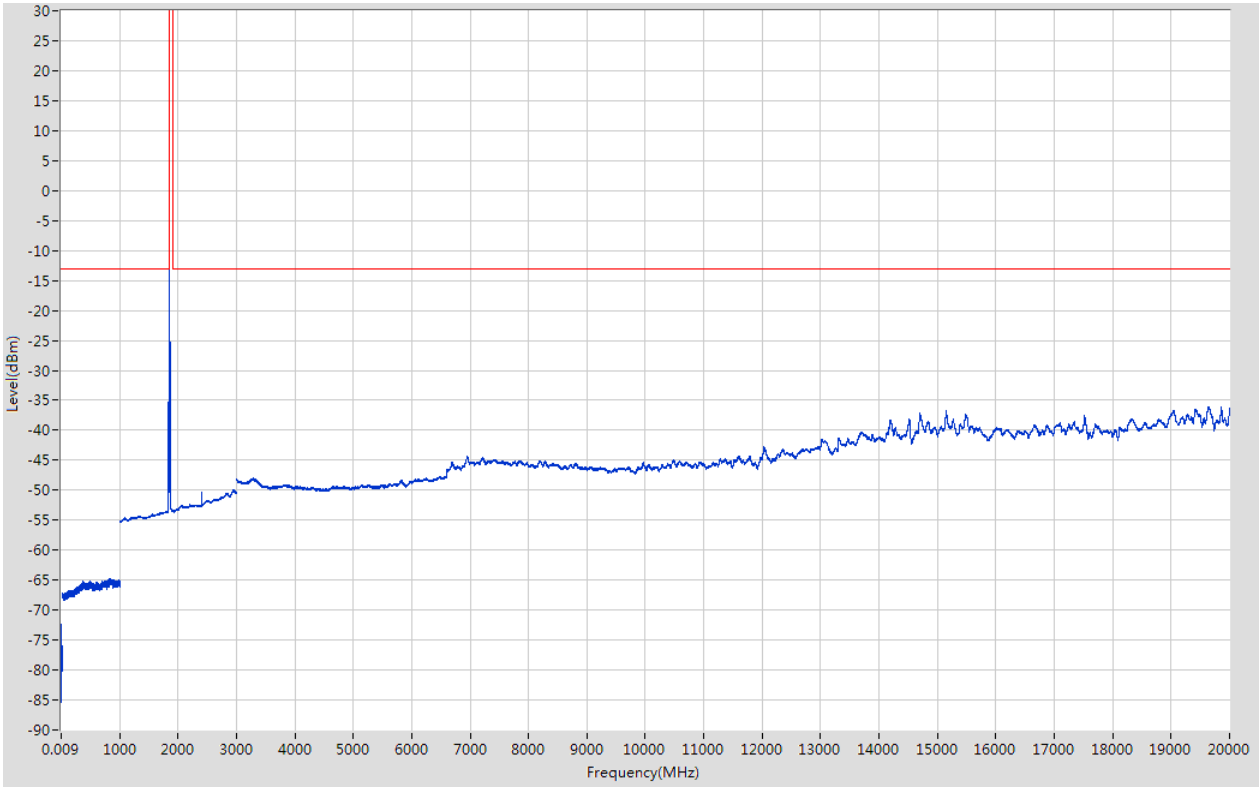
## 8.25. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:18675, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.85 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.8 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 824.097 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -34.54 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.8 | 22.62 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2957.961 | -50.01 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36 | -13 | Pass | 8000 |



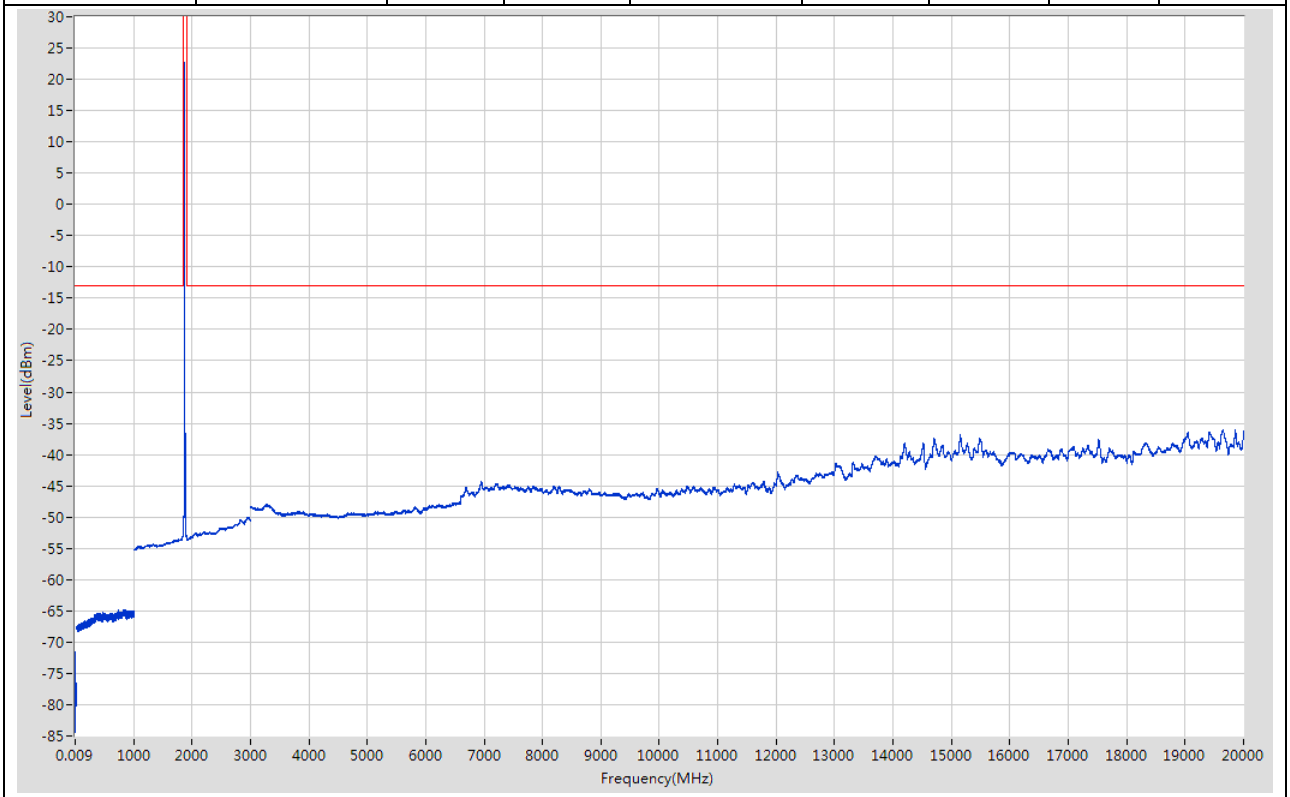
## 8.26. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:18675, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.72 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.36 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 844.399 | -64.84 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -35.34 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1850.8 | 21.84 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2945.95 | -49.96 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -36.01 | -13 | Pass | 8000 |



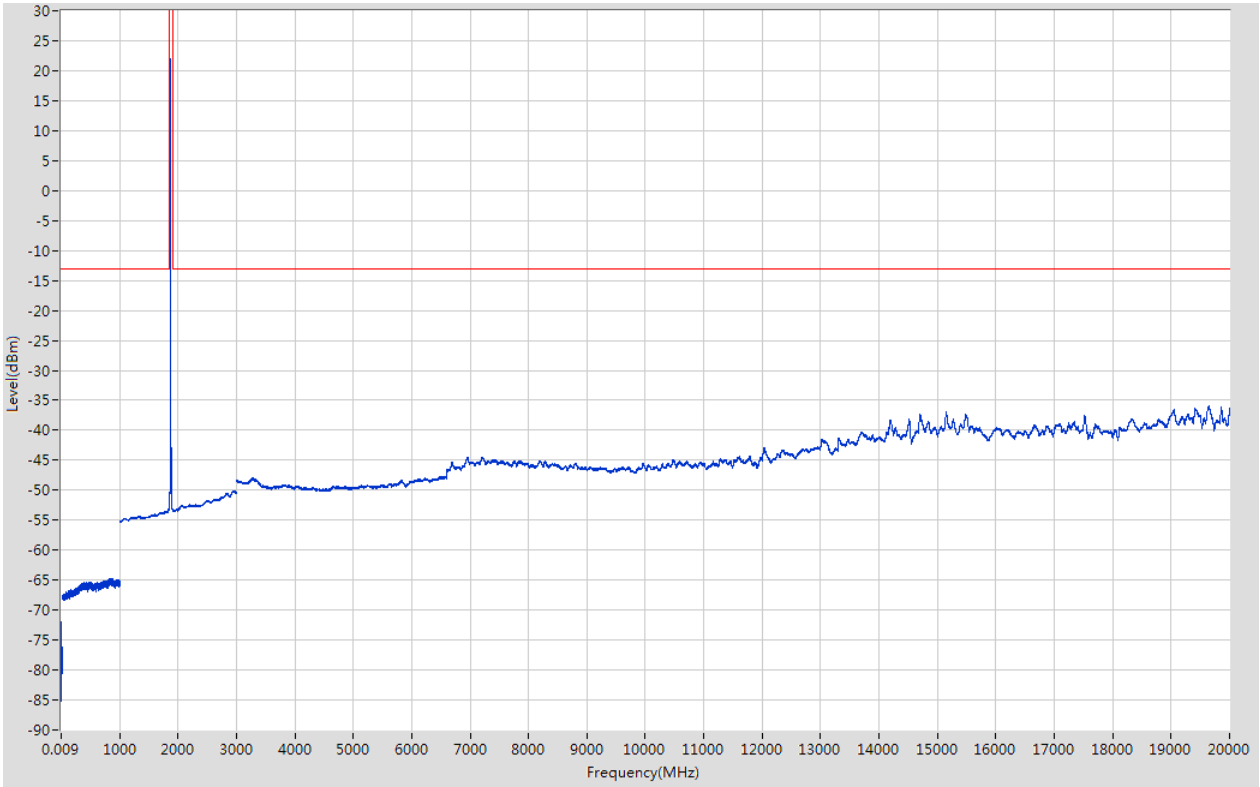
## 8.27. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:27, Channel:18900, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.48 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.64 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.699 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.12 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1873.2 | 22.79 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2948.953 | -49.99 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19644.956 | -36.01 | -13 | Pass | 8000 |



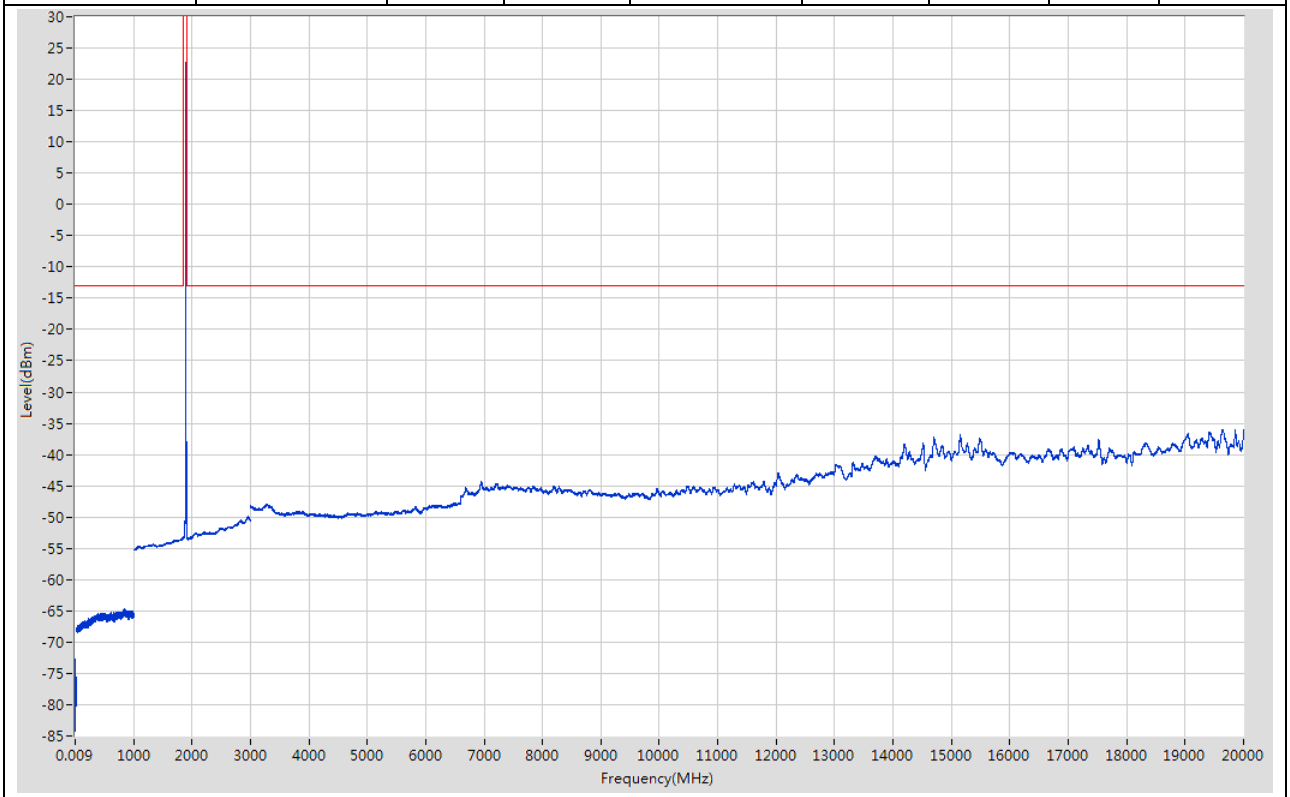
## 8.28. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:28, Channel:18900, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.92 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 828.998 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -53.21 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1873.2 | 21.97 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2952.956 | -50.04 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11611.519 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.97 | -13 | Pass | 8000 |



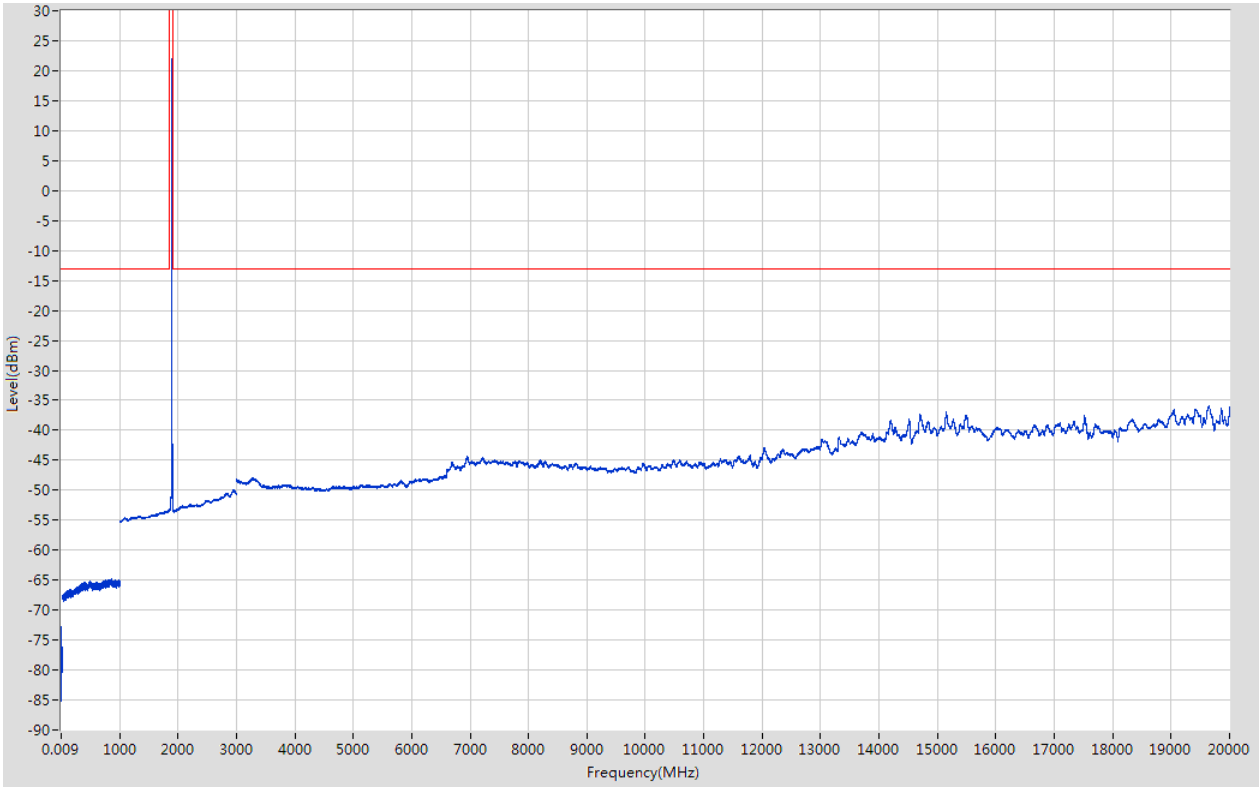
## 8.29. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:29, Channel:19125, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.31 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.64 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.502 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1837.998 | -53.4 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1895.8 | 22.68 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2955.959 | -49.96 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.2 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36 | -13 | Pass | 8000 |



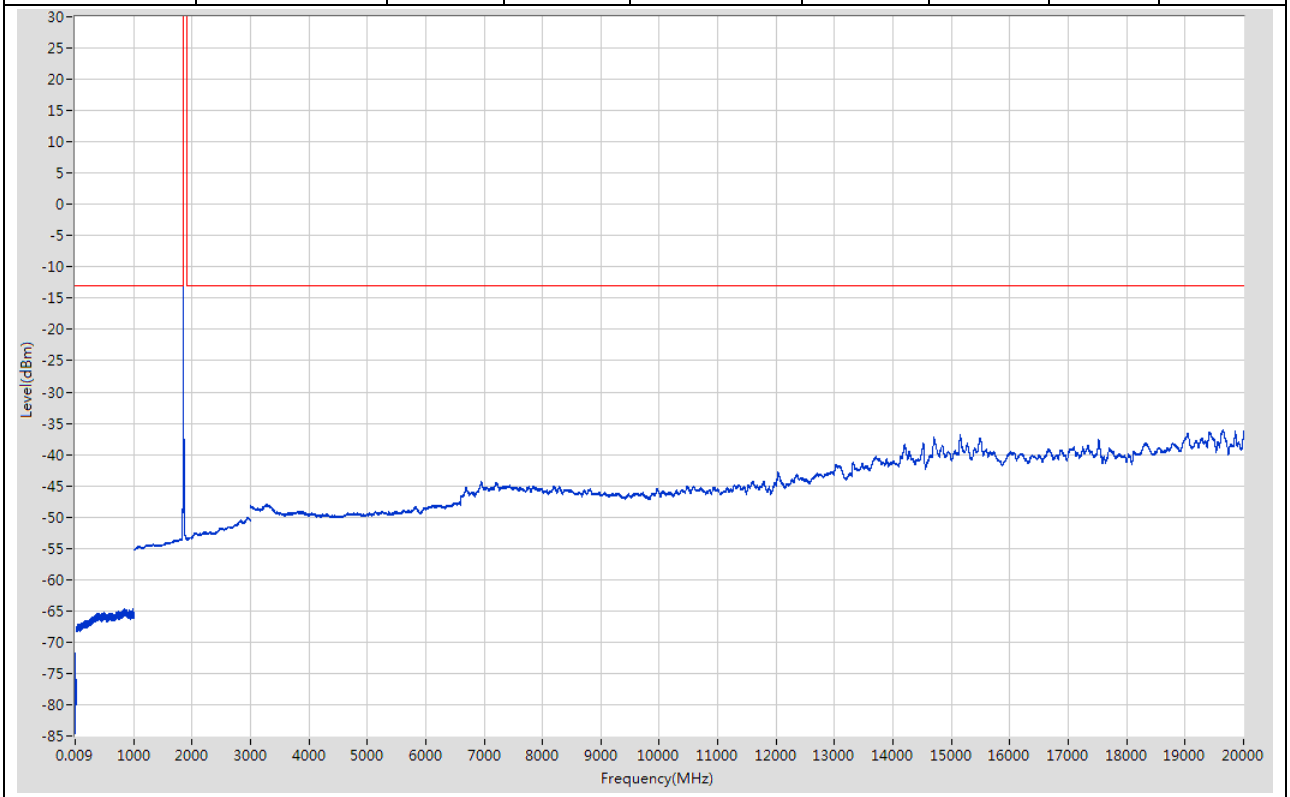
## 8.30. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:30, Channel:19125, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.015 | -74.58 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.73 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 857.11 | -64.71 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.36 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1895.8 | 21.92 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2944.949 | -49.93 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -36 | -13 | Pass | 8000 |



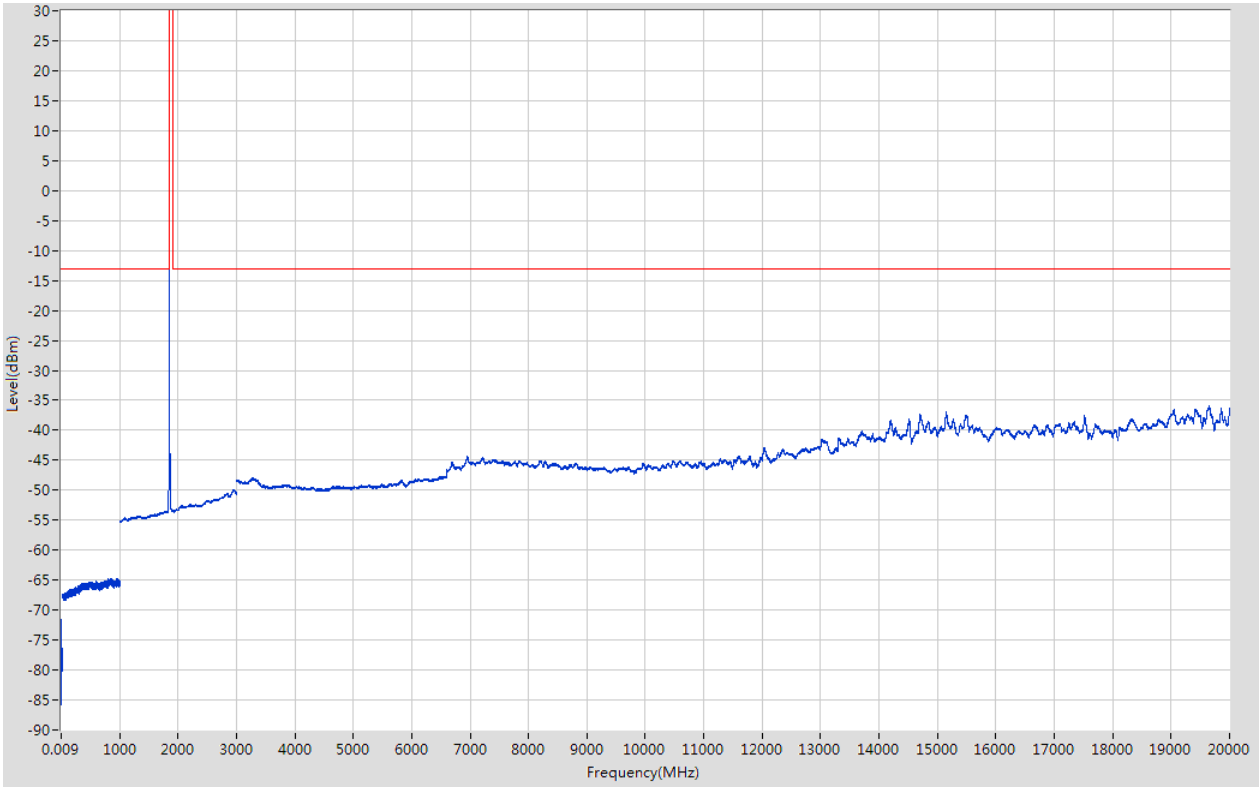
## 8.31. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:31, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.44 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.7 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.198 | -64.66 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -48.34 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1851 | 22.81 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2948.953 | -49.98 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.95 | -13 | Pass | 8000 |



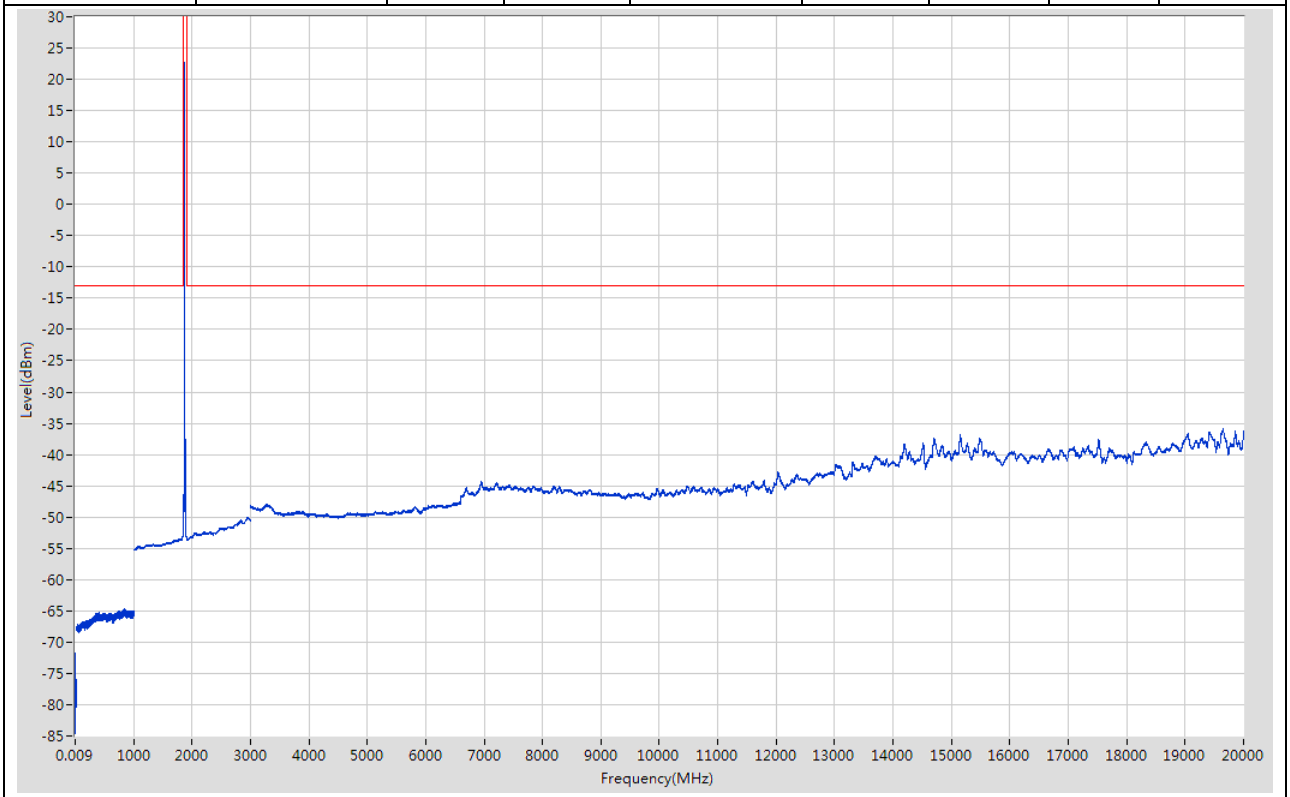
## 8.32. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:32, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.75 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.63 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 846.1 | -64.72 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -49.66 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1851 | 21.88 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2950.955 | -49.94 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.94 | -13 | Pass | 8000 |



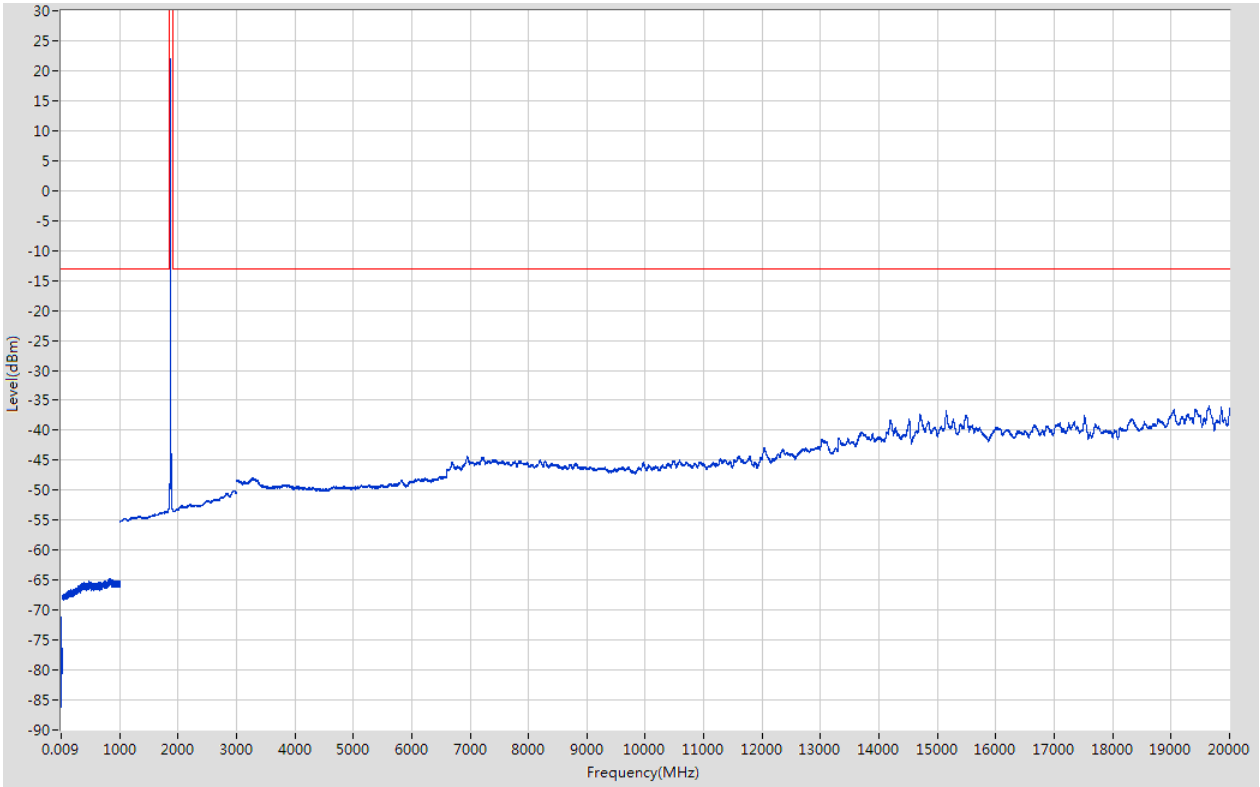
## 8.33. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:33, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.16 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.67 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 841.999 | -64.66 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1838.999 | -53.05 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1871 | 22.77 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2944.949 | -49.97 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11792.743 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.94 | -13 | Pass | 8000 |



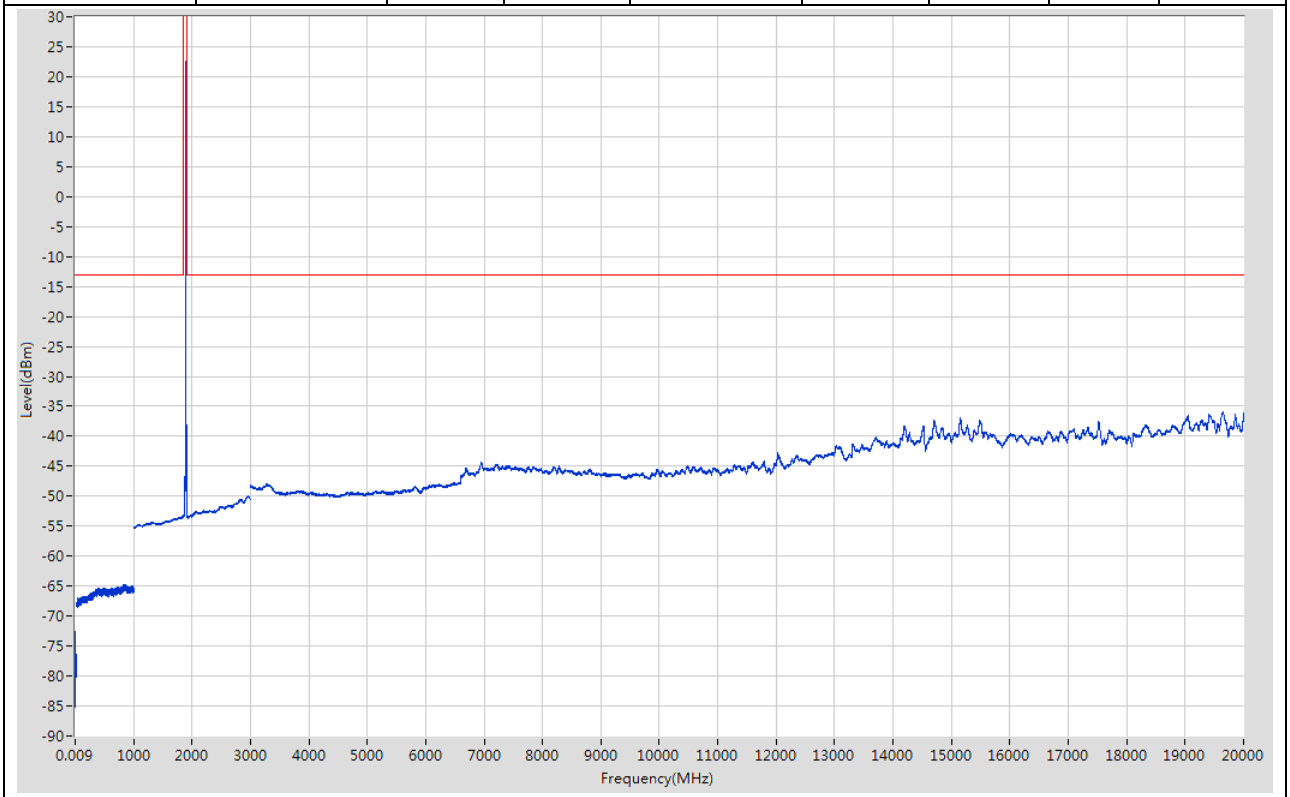
## 8.34. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:34, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.67 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -71.11 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 823.497 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.05 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1871 | 21.91 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2955.959 | -50.04 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.23 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.96 | -13 | Pass | 8000 |



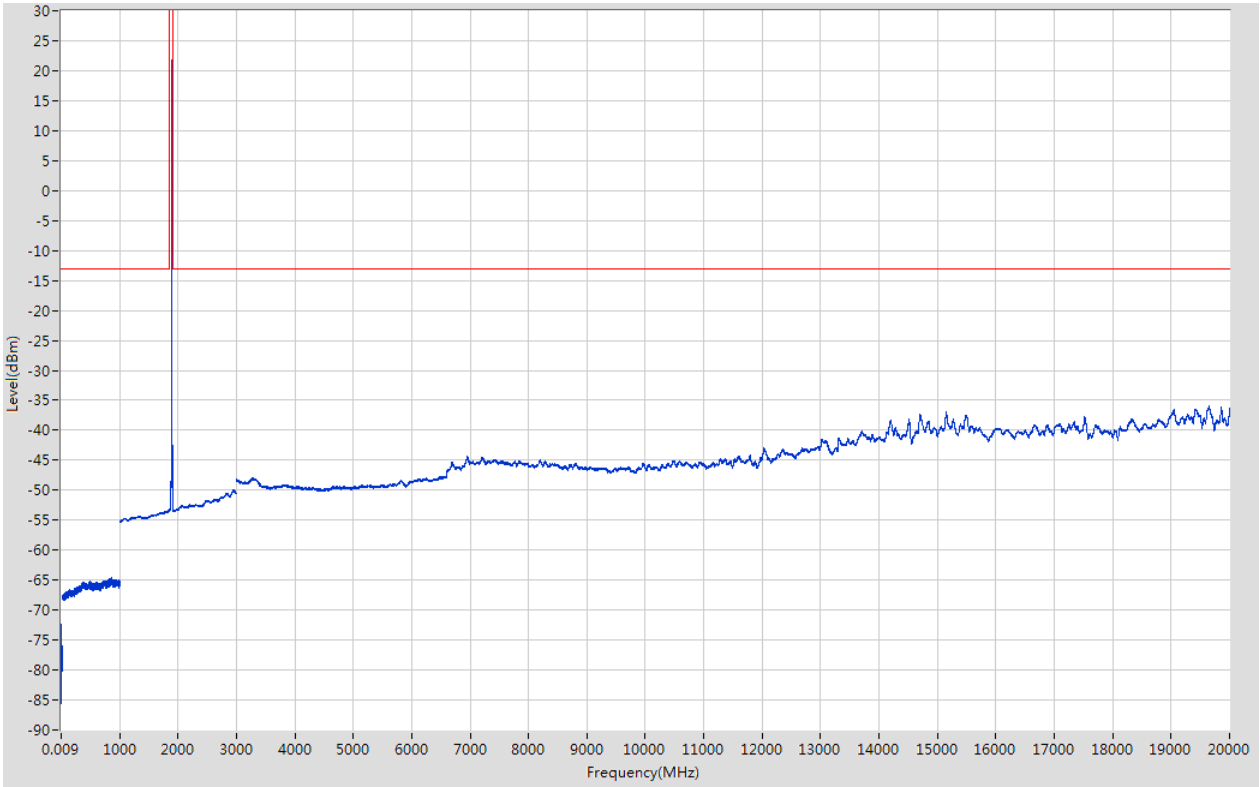
## 8.35. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:35, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.75 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.62 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.899 | -64.66 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.27 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1891 | 22.62 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2949.954 | -50 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.93 | -13 | Pass | 8000 |



## 8.36. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:36, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

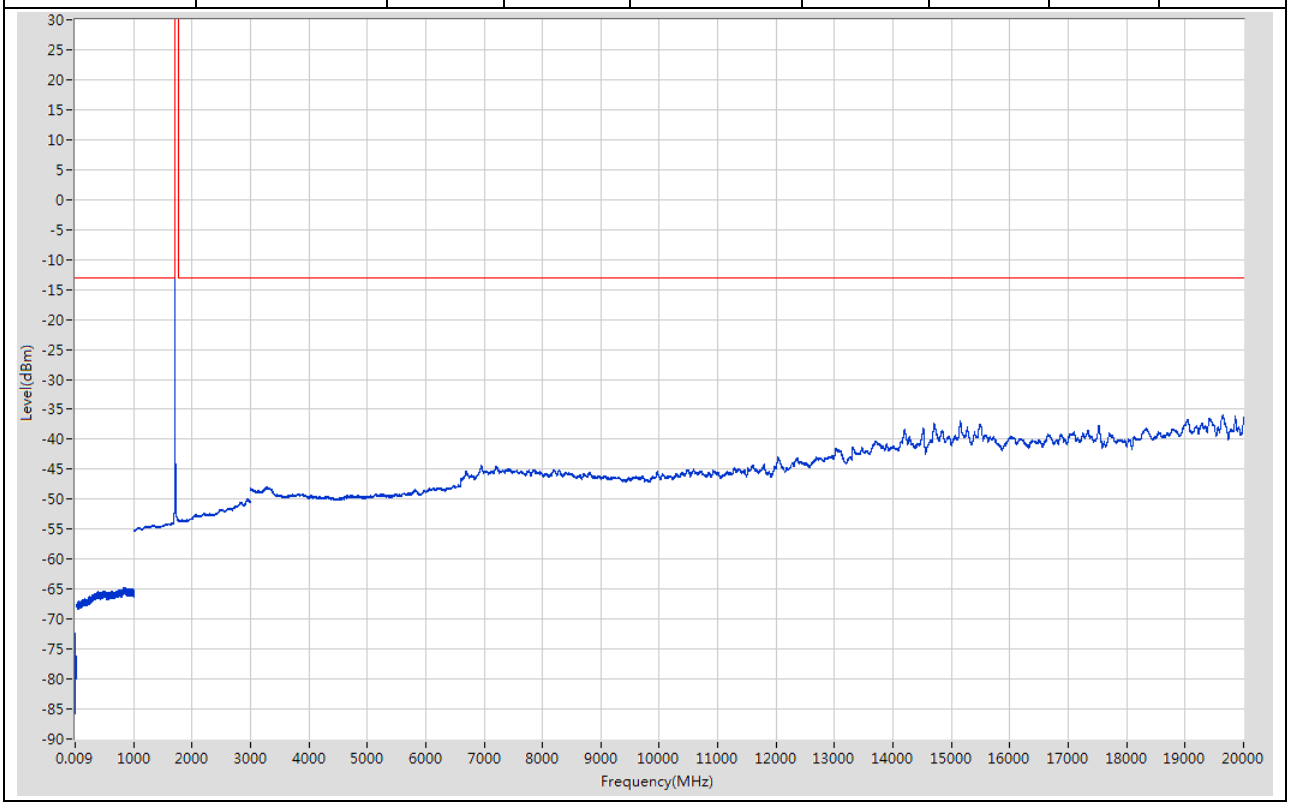
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.59 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.47 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 856.91 | -64.58 | -13 | Pass | 9699 |
| 1000 | 1840 | 1 | RMS | 1840 | -53.33 | -13 | Pass | 840 |
| 1840 | 1920 | 1 | RMS | 1891 | 21.87 | 60 | Pass | 401 |
| 1920 | 3000 | 1 | RMS | 2950.955 | -49.93 | -13 | Pass | 1080 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.96 | -13 | Pass | 8000 |



# 9. LTE_Band4

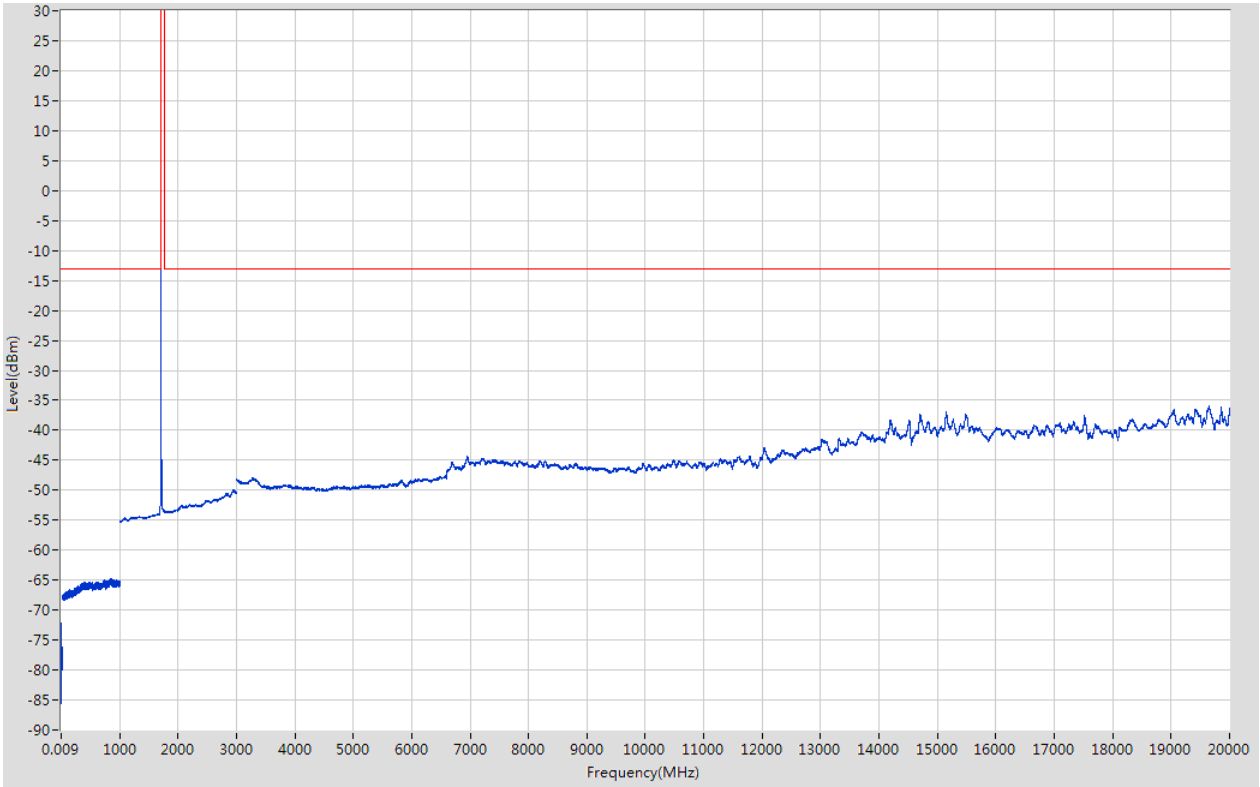
## 9.1. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:1, Channel:19957, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.65 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.45 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 862.317 | -64.74 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -50.79 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 22.48 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2953.963 | -49.97 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.14 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.98 | -13 | Pass | 8000 |



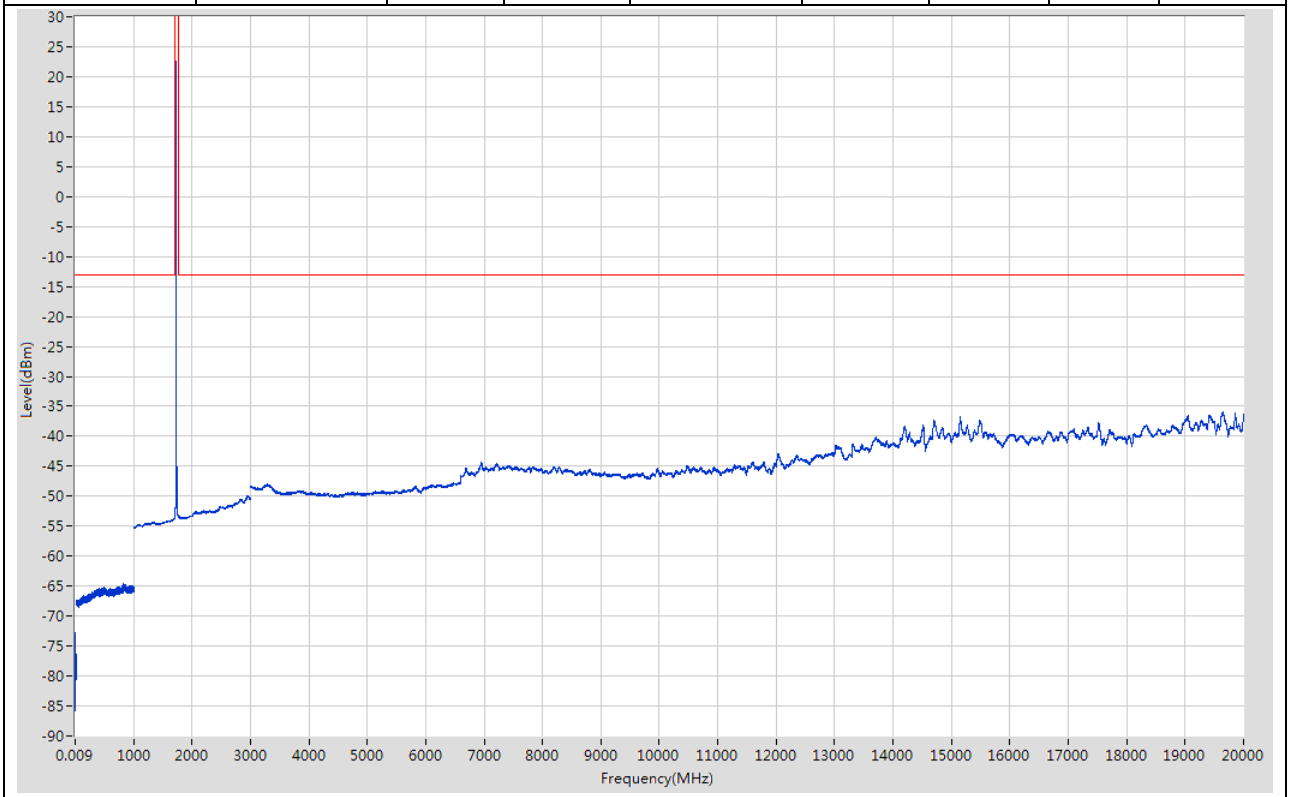
## 9.2. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:2, Channel:19957, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.28 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.21 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.098 | -64.79 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -51.13 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 21.59 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2952.962 | -50 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.99 | -13 | Pass | 8000 |



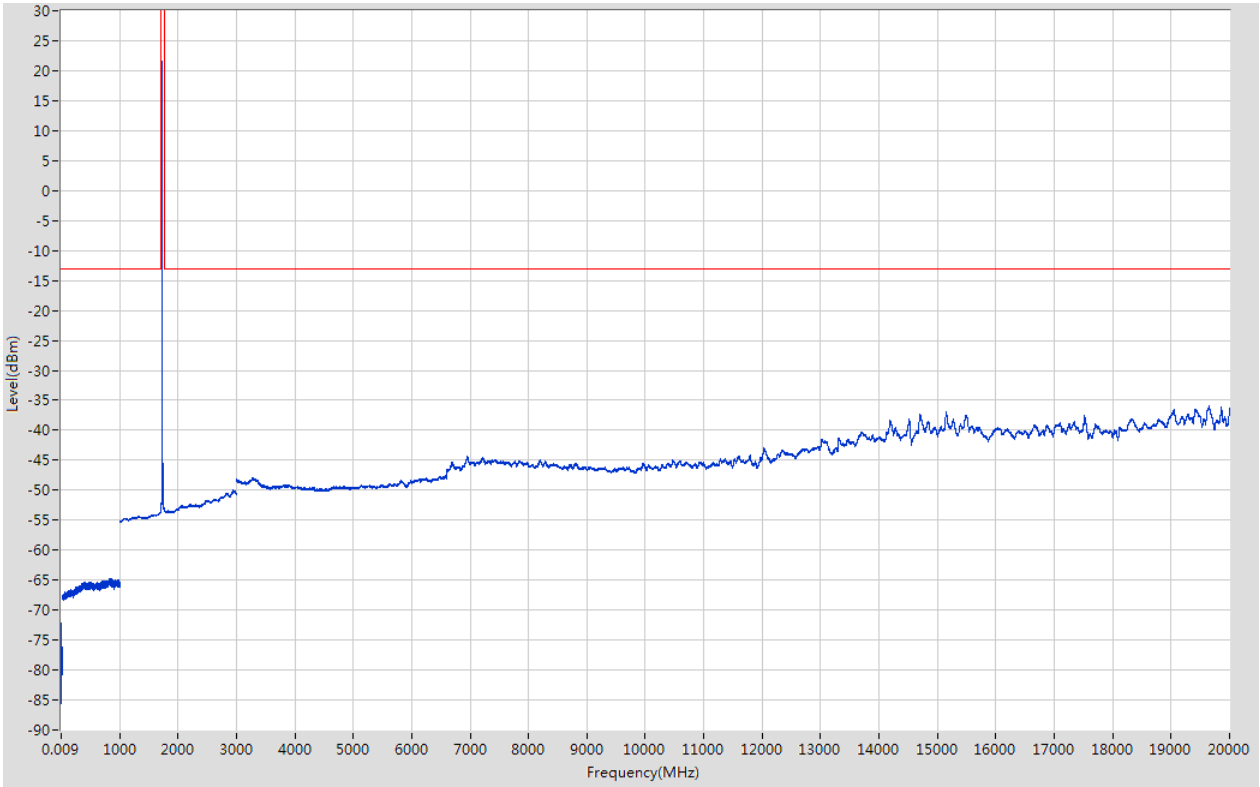
## 9.3. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:3, Channel:20175, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.86 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 825.097 | -64.62 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.64 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1732.013 | 22.53 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2956.965 | -49.96 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.3 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -36 | -13 | Pass | 8000 |



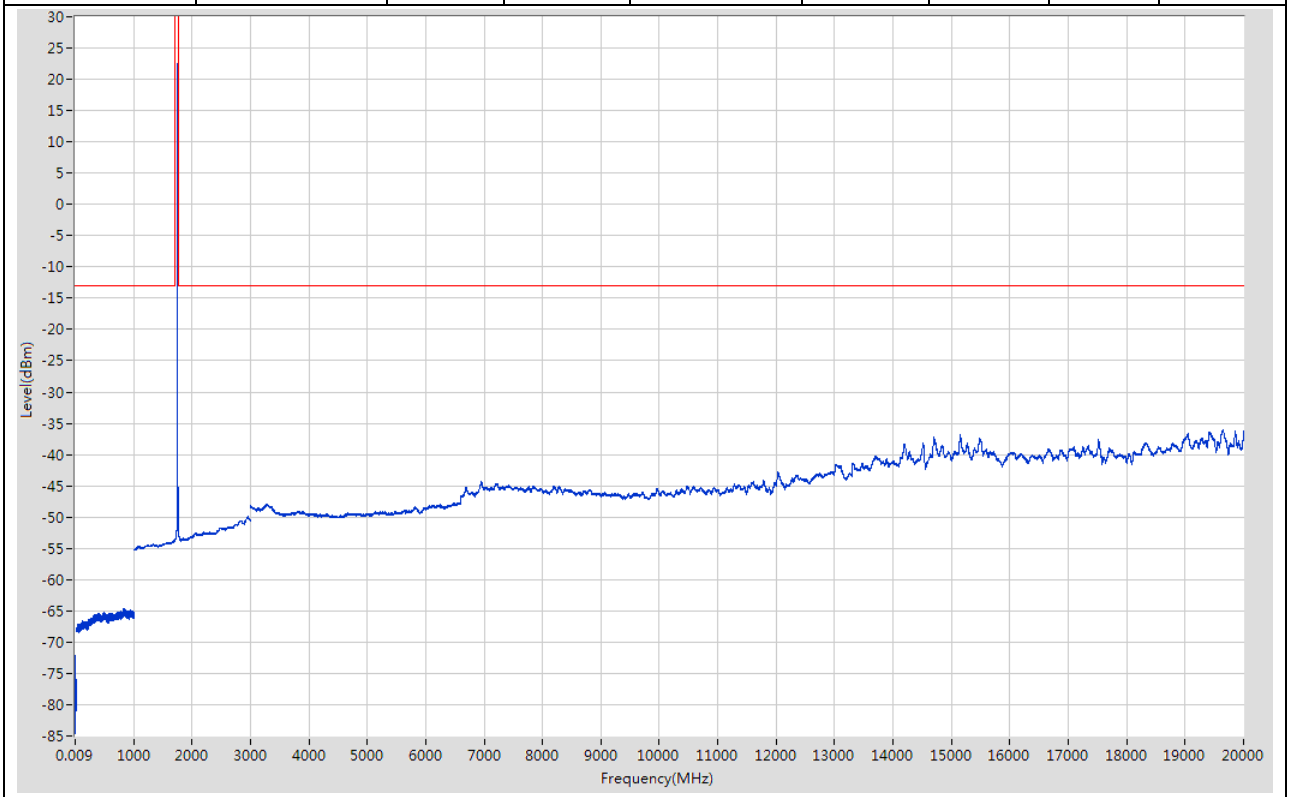
## 9.4. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:4, Channel:20175, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.62 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.22 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 860.014 | -64.68 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -53.67 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1732.013 | 21.59 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2948.959 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.17 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.99 | -13 | Pass | 8000 |



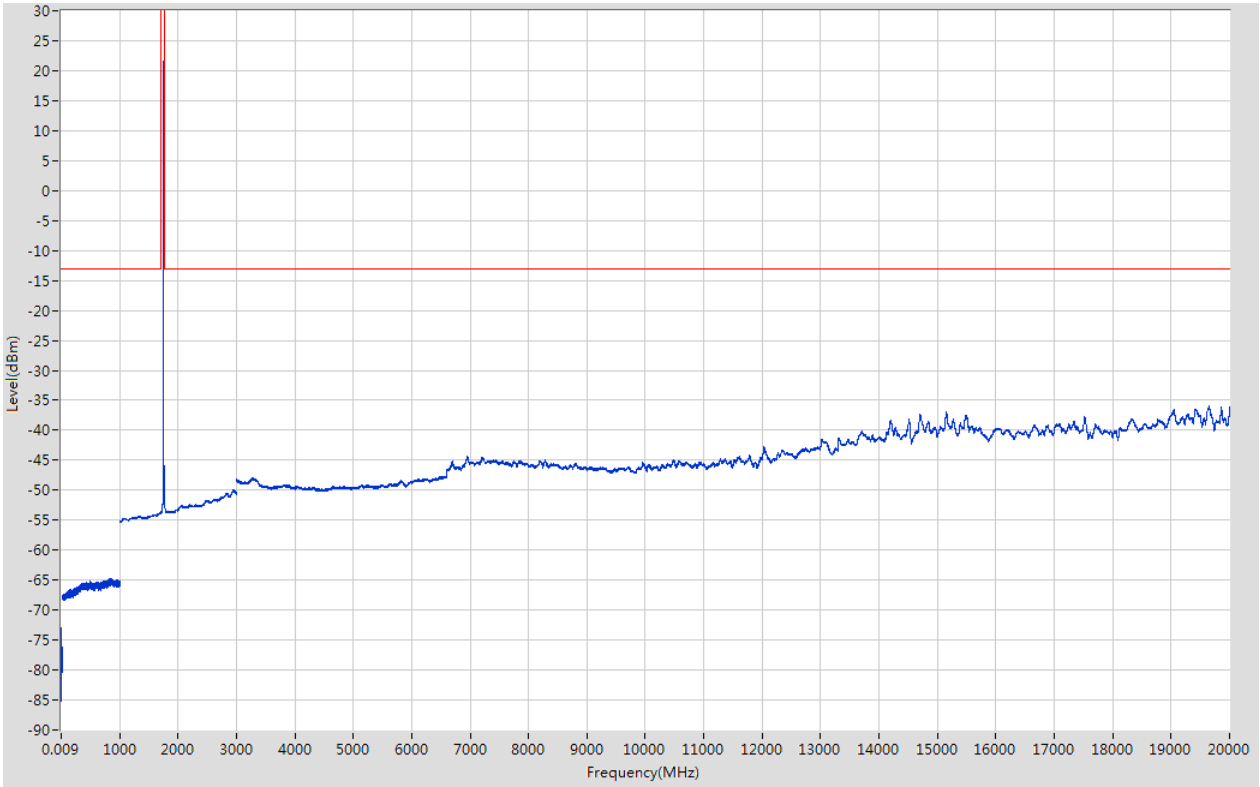
## 9.5. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:5, Channel:20393, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.37 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.18 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.902 | -64.71 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1690.987 | -53.67 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1753.788 | 22.52 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2956.965 | -49.89 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.96 | -13 | Pass | 8000 |



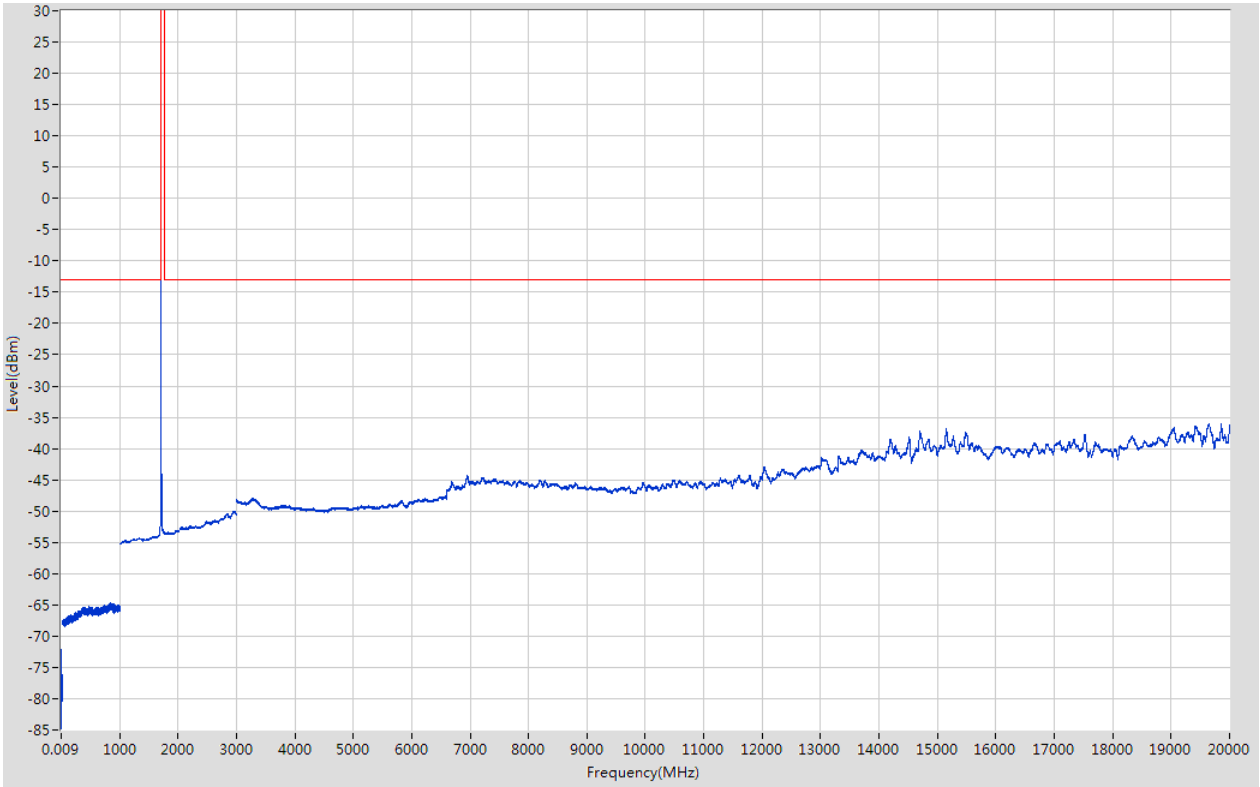
## 9.6. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:6, Channel:20393, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.52 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.92 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 851.503 | -64.73 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.69 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1753.788 | 21.63 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2942.954 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.97 | -13 | Pass | 8000 |



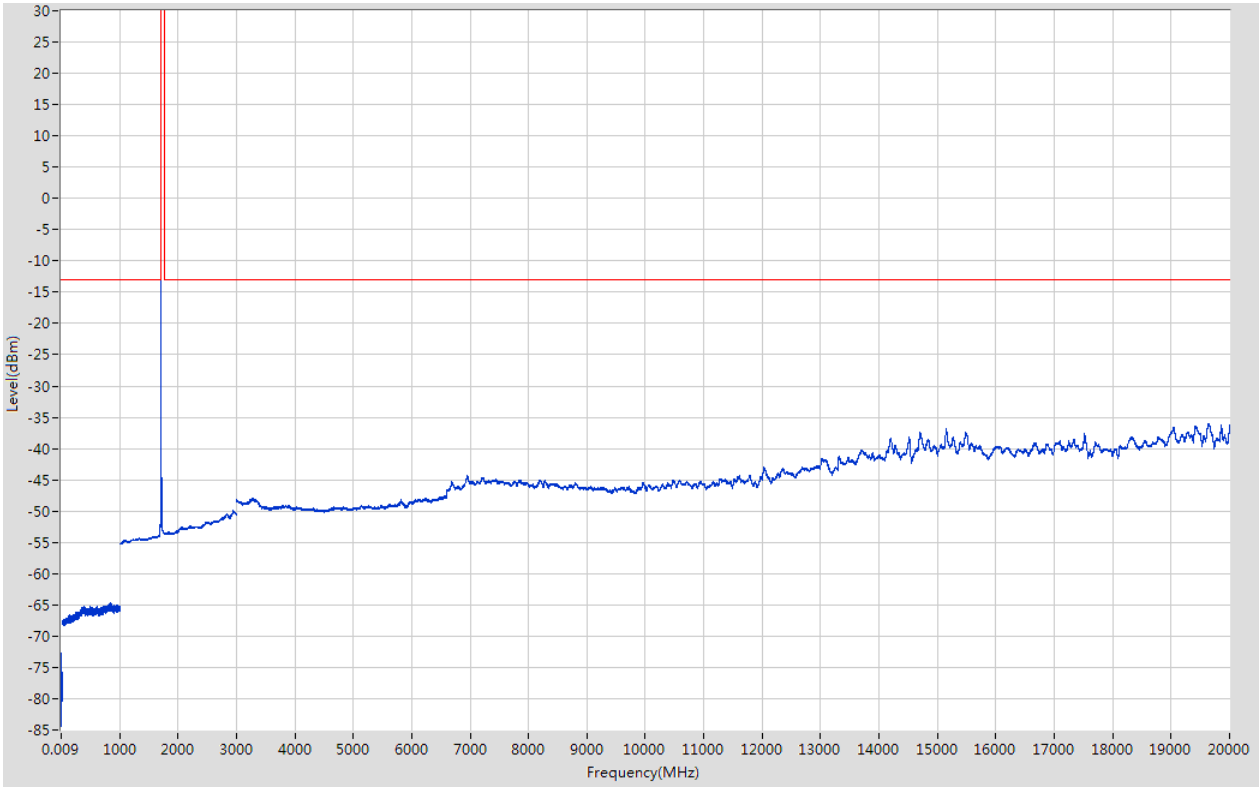
## 9.7. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:7, Channel:19965, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -75.1 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.2 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 841.699 | -64.73 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -51.22 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 22.48 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2956.965 | -50.02 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11791.742 | -44.24 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.96 | -13 | Pass | 8000 |



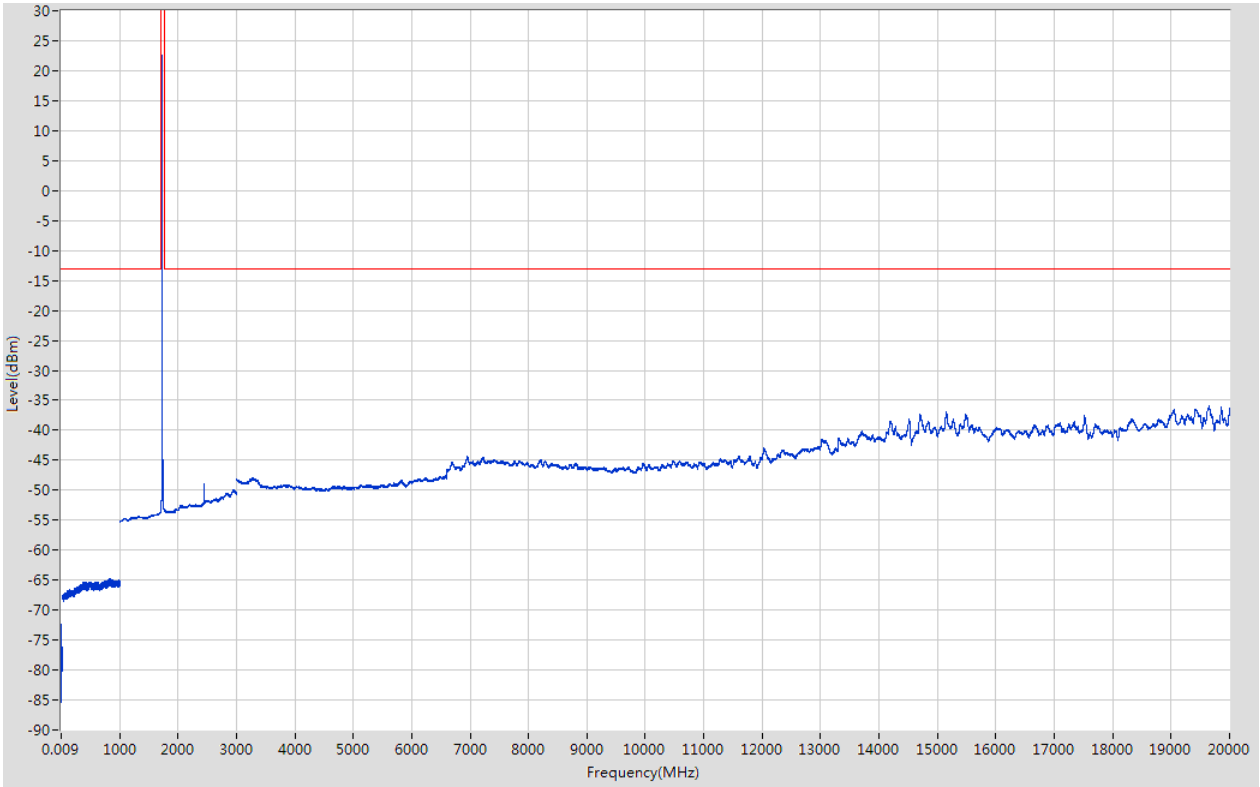
## 9.8. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:8, Channel:19965, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.02 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.72 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 841.199 | -64.68 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -50.63 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 21.81 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2948.959 | -49.89 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.98 | -13 | Pass | 8000 |



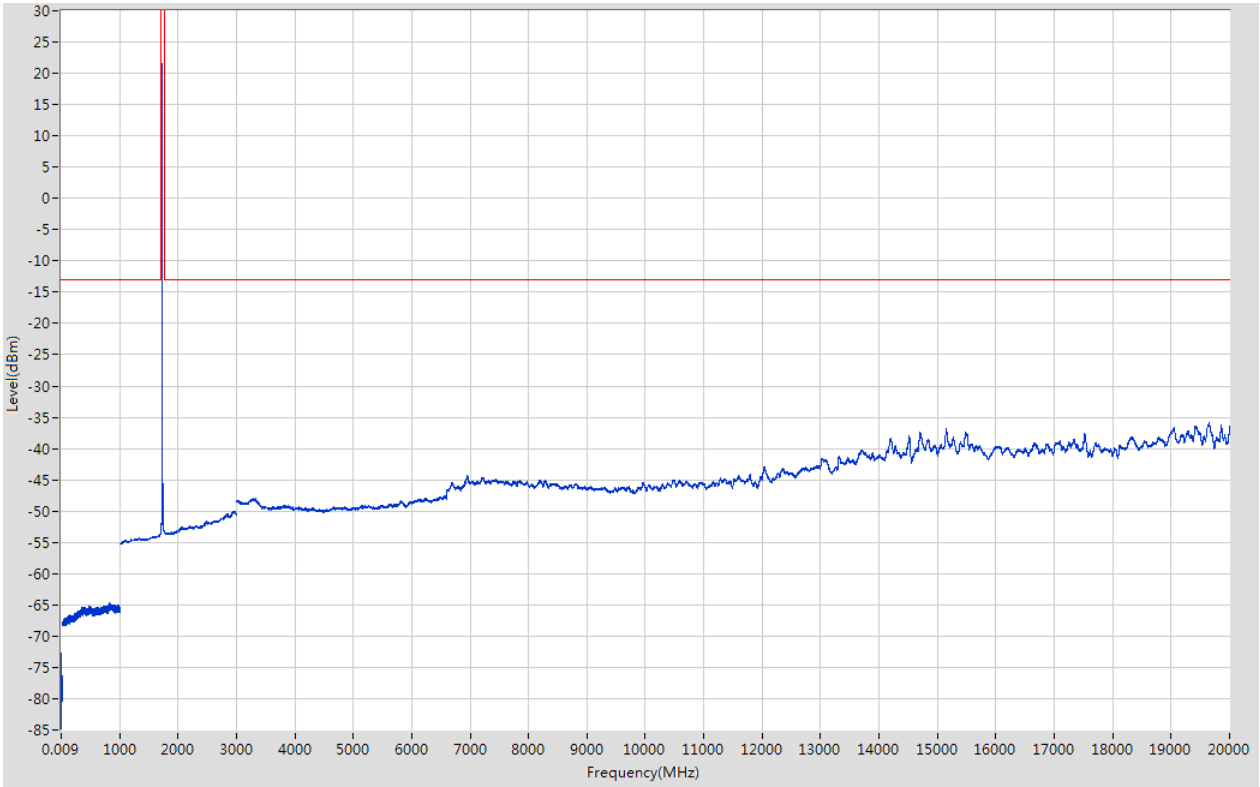
## 9.9. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:9, Channel:20175, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -75.08 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.46 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.599 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.59 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1731.2 | 22.53 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2440.547 | -48.95 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11785.735 | -44.28 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.96 | -13 | Pass | 8000 |



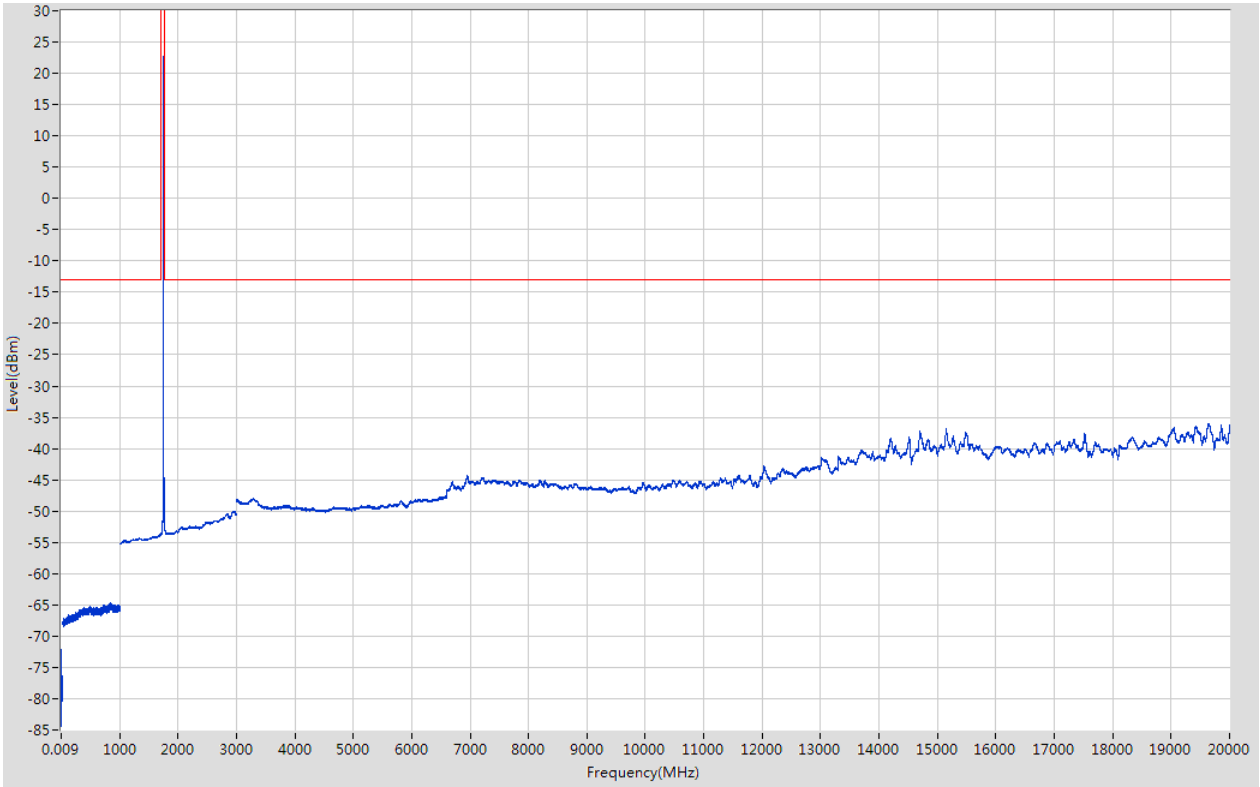
## 9.10. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:10, Channel:20175, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.64 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 821.797 | -64.74 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.6 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1731.2 | 21.6 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2943.955 | -49.97 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.14 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.92 | -13 | Pass | 8000 |



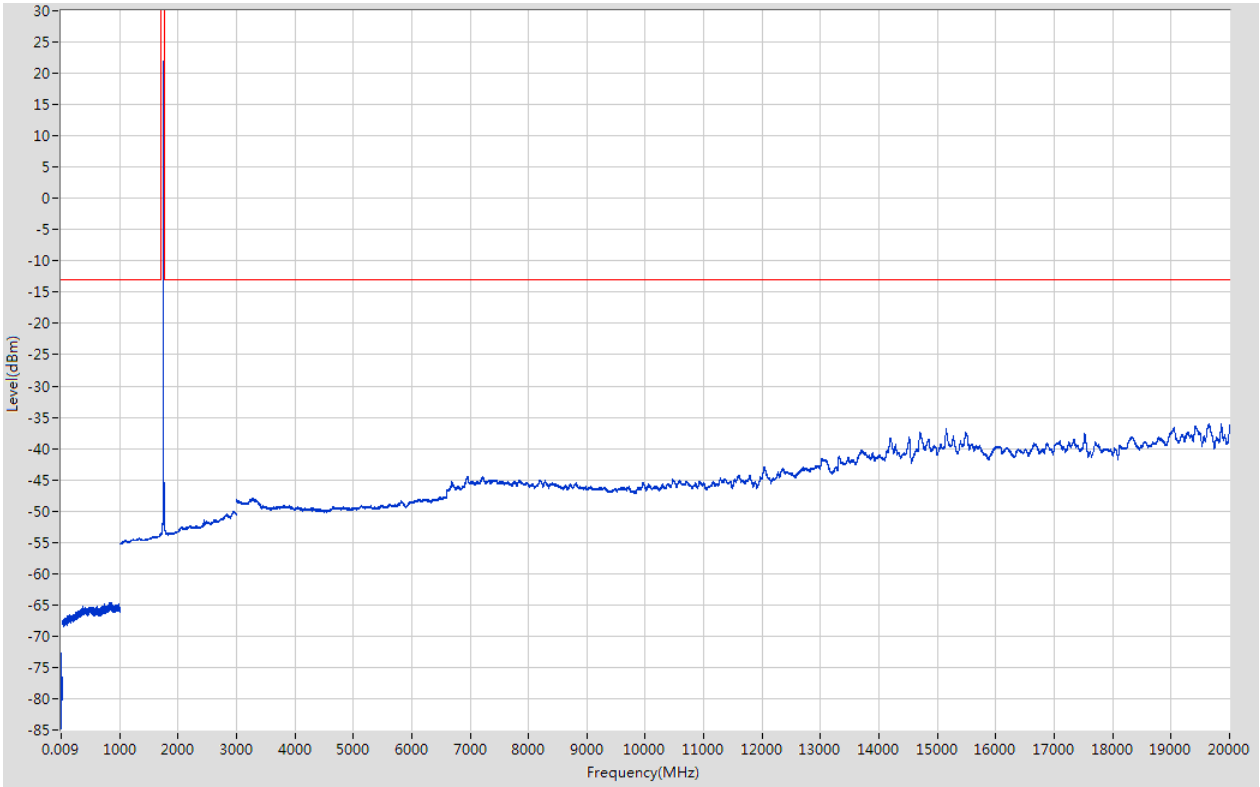
## 9.11. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:11, Channel:20385, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.43 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.18 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 852.204 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1691.989 | -53.72 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1752.163 | 22.63 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2947.958 | -49.97 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 6954.483 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -36.02 | -13 | Pass | 8000 |



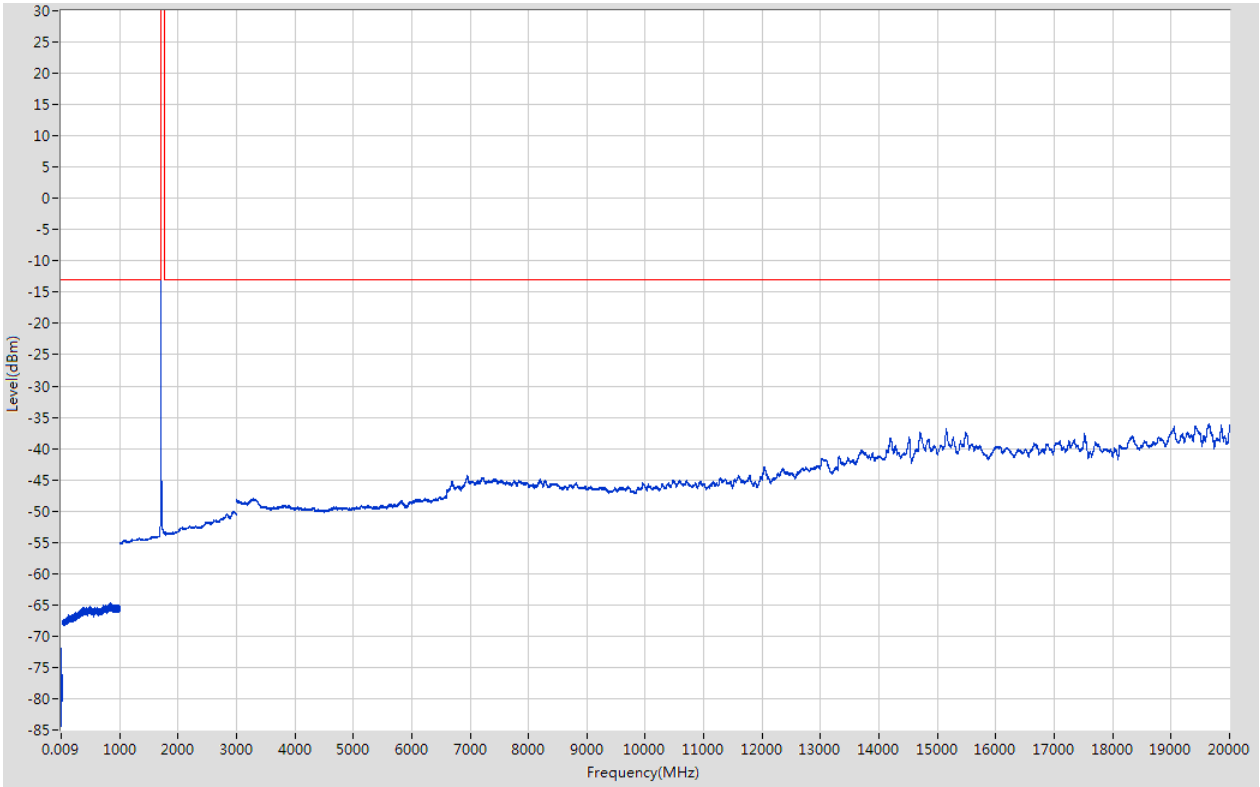
## 9.12. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:12, Channel:20385, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.57 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.62 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 824.697 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1691.989 | -53.69 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1752.163 | 21.85 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2952.962 | -49.98 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.98 | -13 | Pass | 8000 |



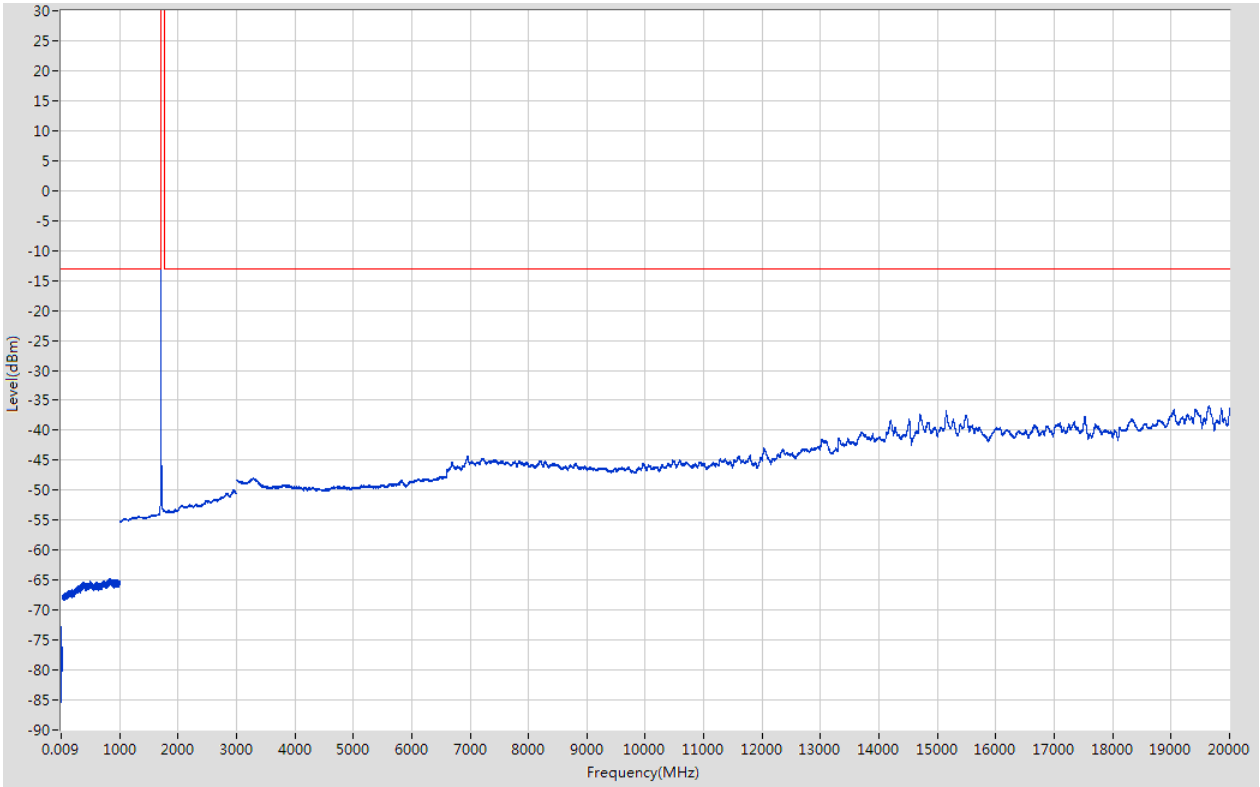
## 9.13. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:13, Channel:19975, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.47 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.86 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 851.103 | -64.65 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -51.12 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 22.41 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2957.966 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11782.731 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.97 | -13 | Pass | 8000 |



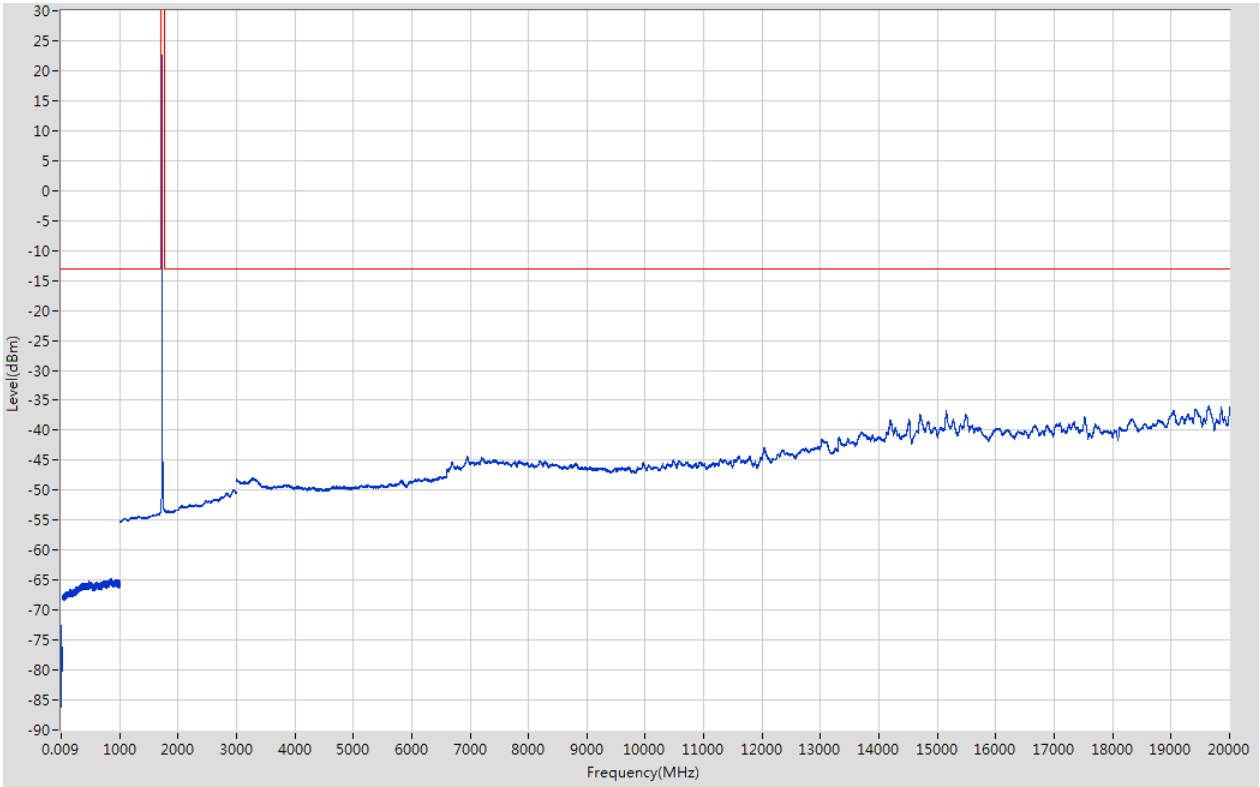
## 9.14. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:14, Channel:19975, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.91 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.74 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 844.799 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -51.3 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.238 | 21.6 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2945.956 | -50.02 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19651.956 | -35.97 | -13 | Pass | 8000 |



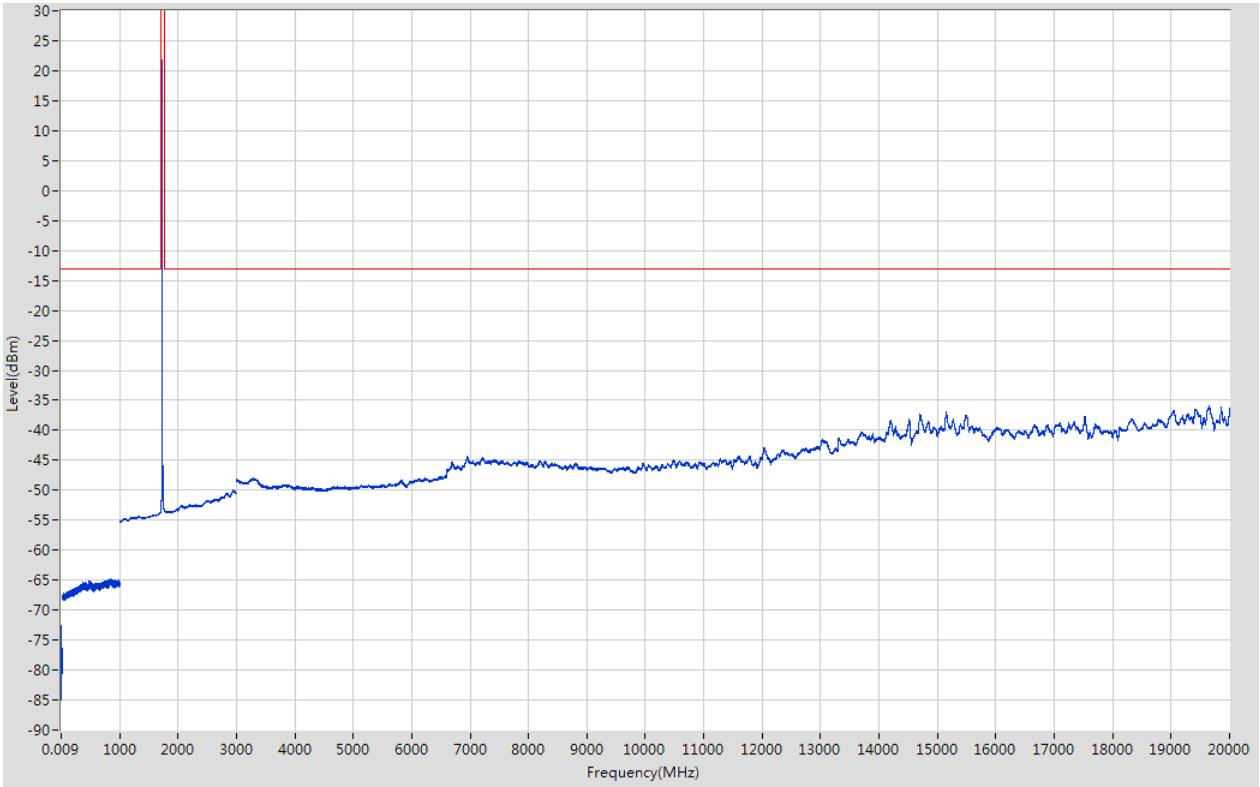
## 9.15. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:15, Channel:20175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.41 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.32 | -72.63 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 843.299 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.56 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1730.225 | 22.5 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2946.957 | -49.94 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11785.735 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36.01 | -13 | Pass | 8000 |



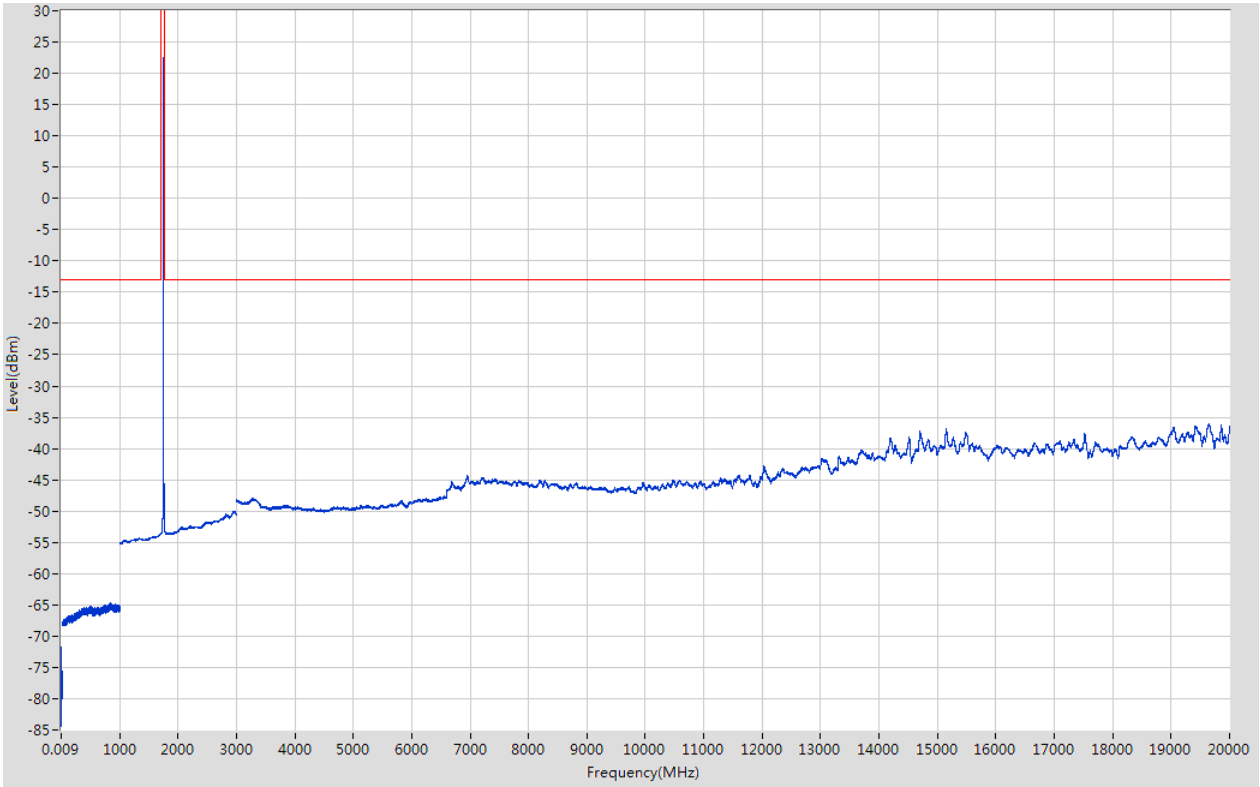
## 9.16. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:16, Channel:20175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.85 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.67 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.099 | -64.74 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -53.62 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1730.225 | 21.71 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2945.956 | -50.02 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -36.01 | -13 | Pass | 8000 |



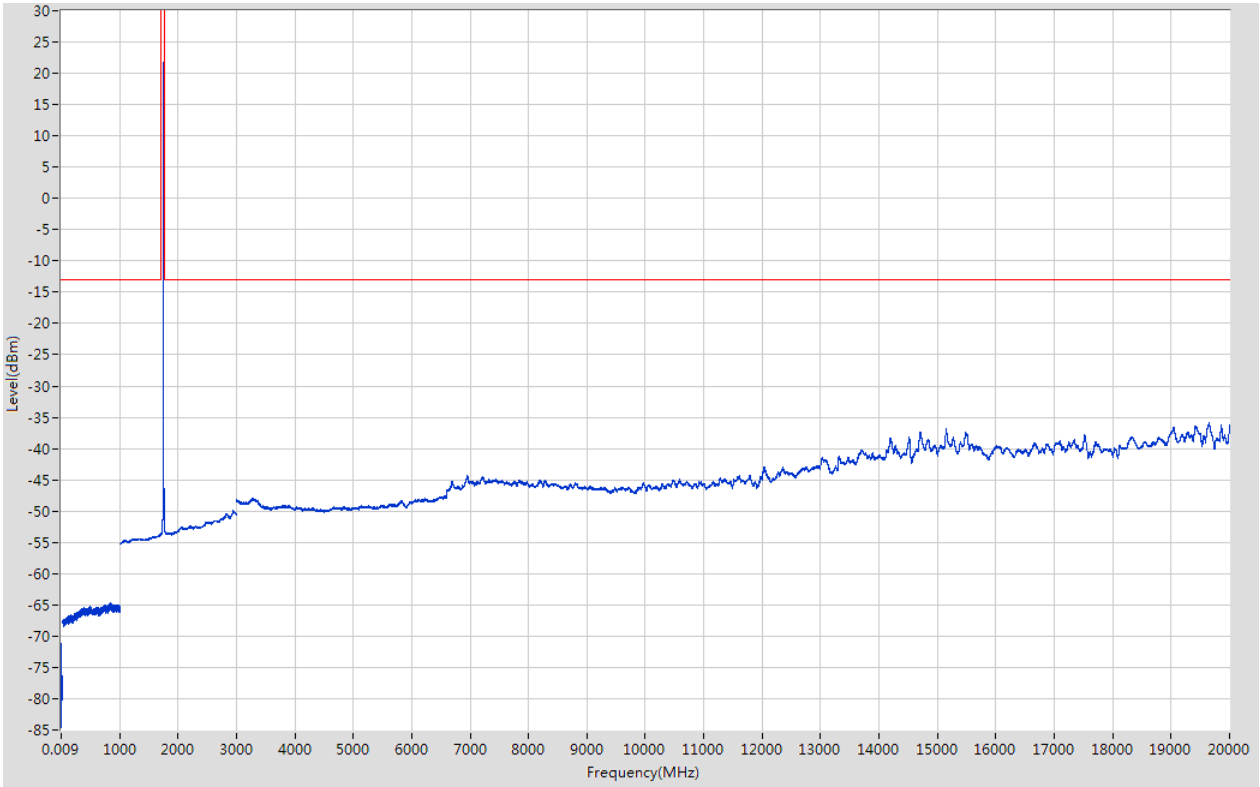
## 9.17. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:17, Channel:20375, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.98 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.77 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.902 | -64.72 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.7 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1750.213 | 22.5 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2949.959 | -50.02 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.97 | -13 | Pass | 8000 |



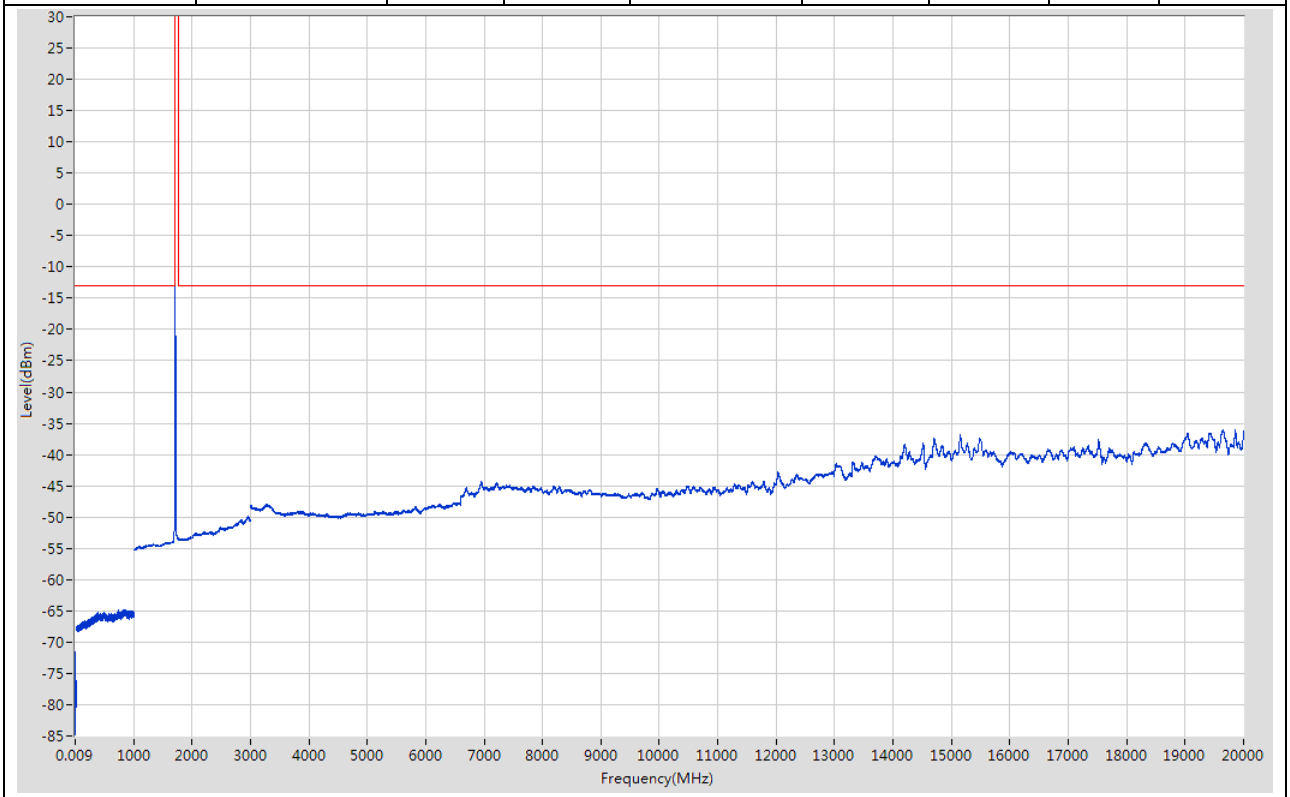
## 9.18. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:18, Channel:20375, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.24 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 835.398 | -64.67 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -53.69 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1750.213 | 21.83 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2941.953 | -49.96 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 6948.482 | -44.3 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.94 | -13 | Pass | 8000 |



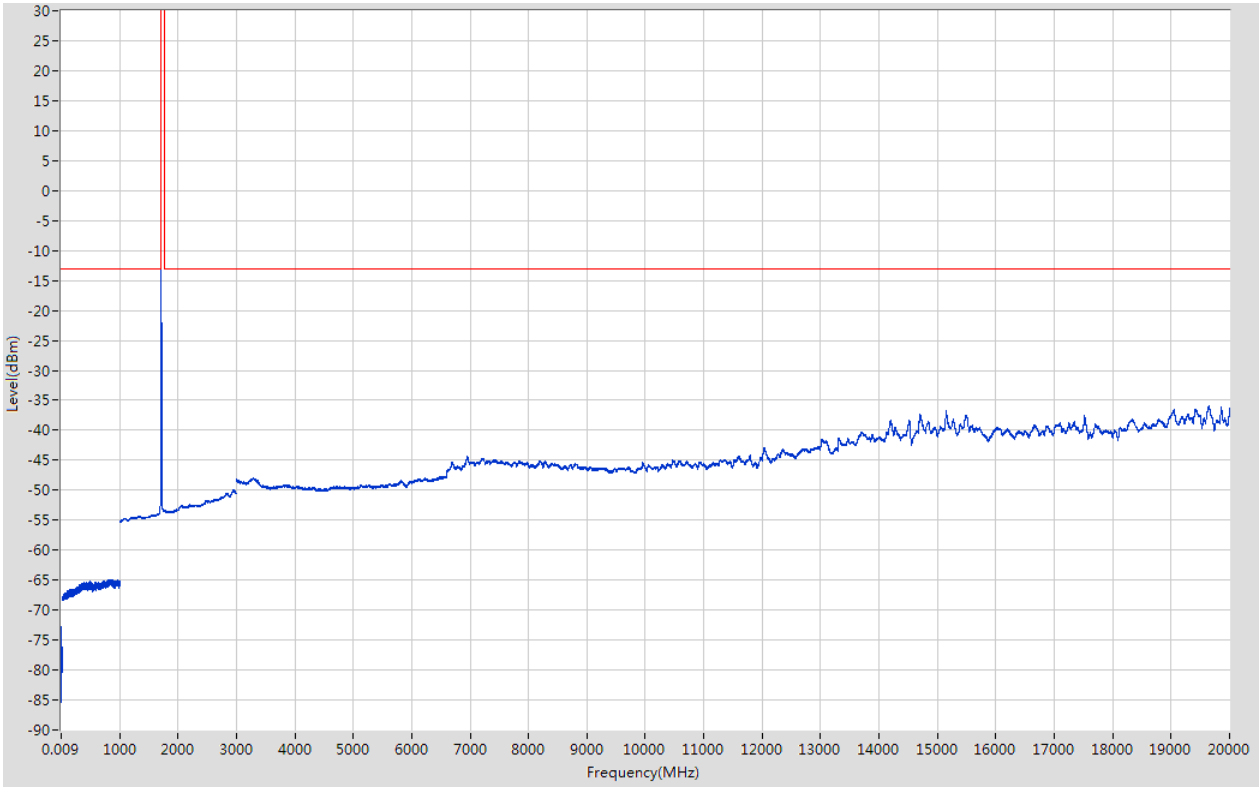
## 9.19. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:19, Channel:20000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.36 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.52 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 847.7 | -64.86 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.24 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.4 | 22.43 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2950.96 | -49.96 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.28 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36 | -13 | Pass | 8000 |



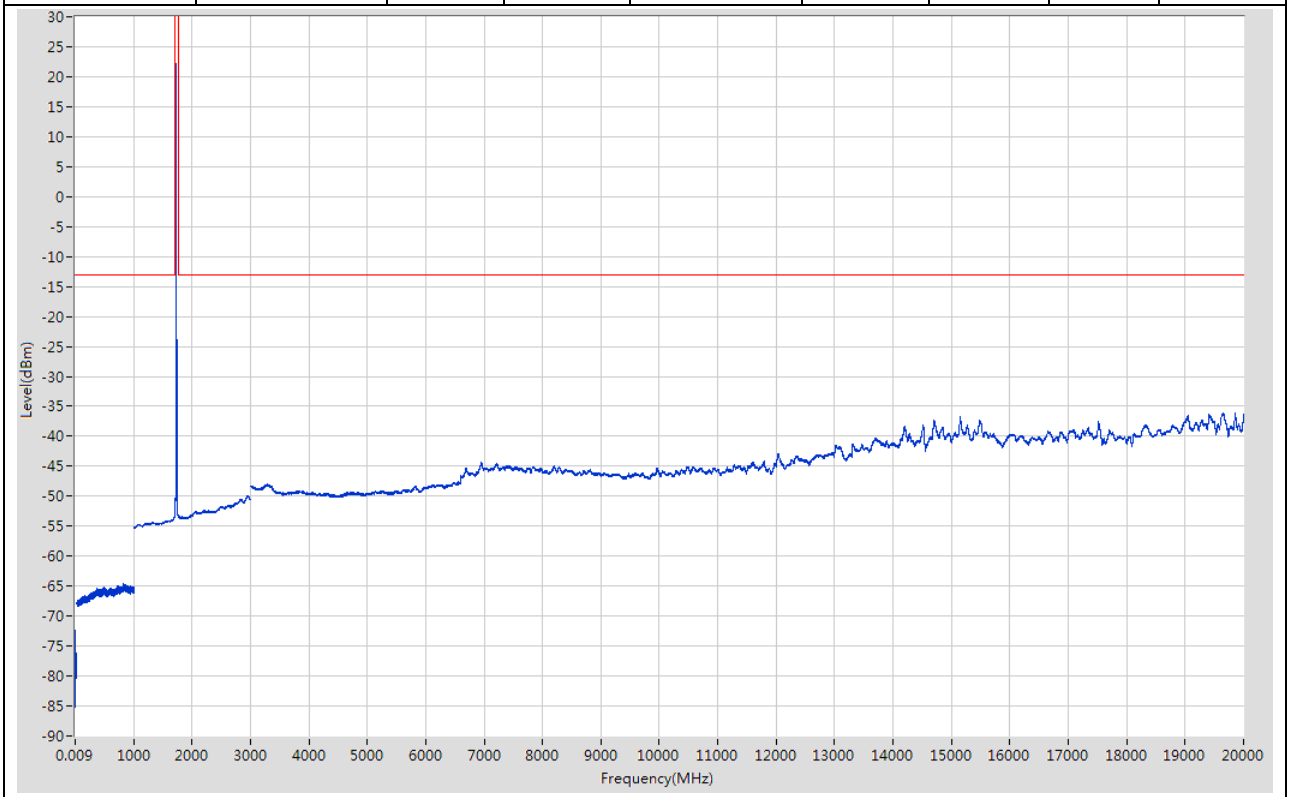
## 9.20. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:20, Channel:20000, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.71 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 837.999 | -64.86 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -51.48 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.563 | 21.56 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2948.959 | -49.97 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36 | -13 | Pass | 8000 |



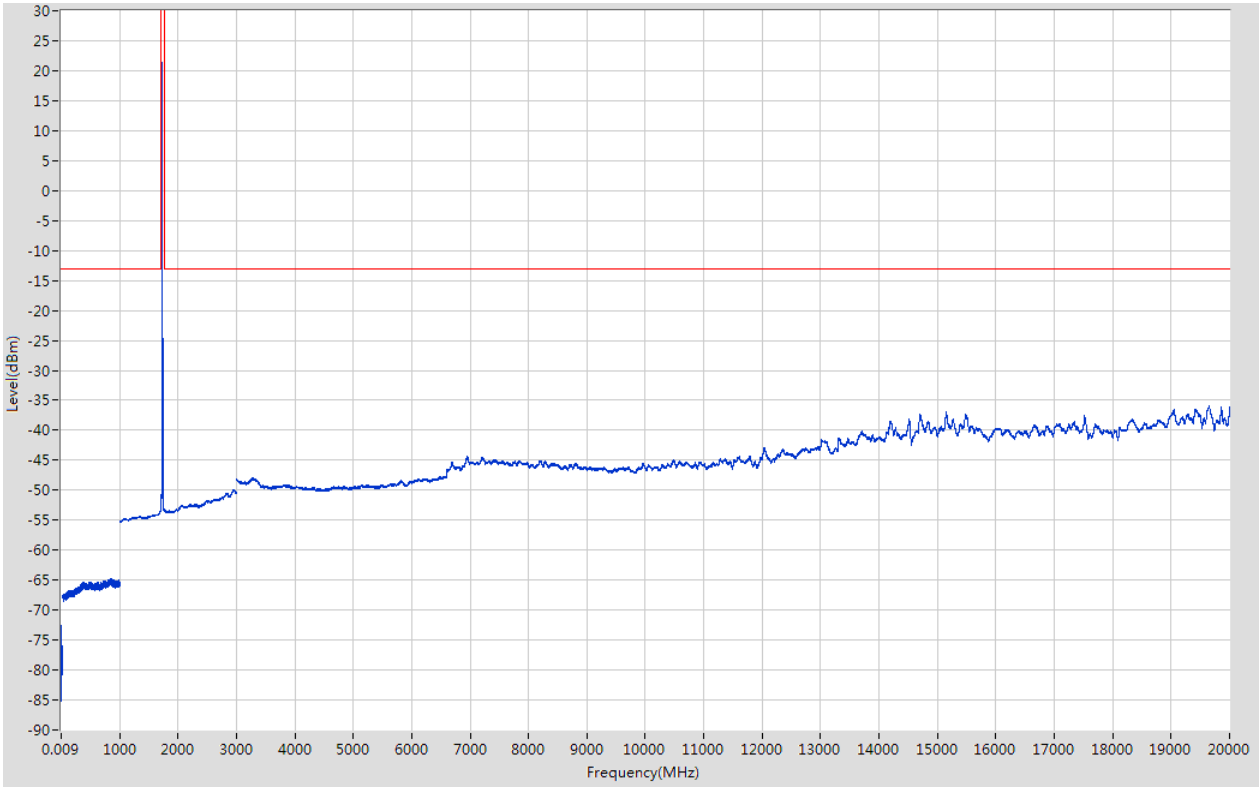
## 9.21. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:21, Channel:20175, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.46 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.44 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 820.396 | -64.6 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.46 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1727.95 | 22.19 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2948.959 | -49.98 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -36.01 | -13 | Pass | 8000 |



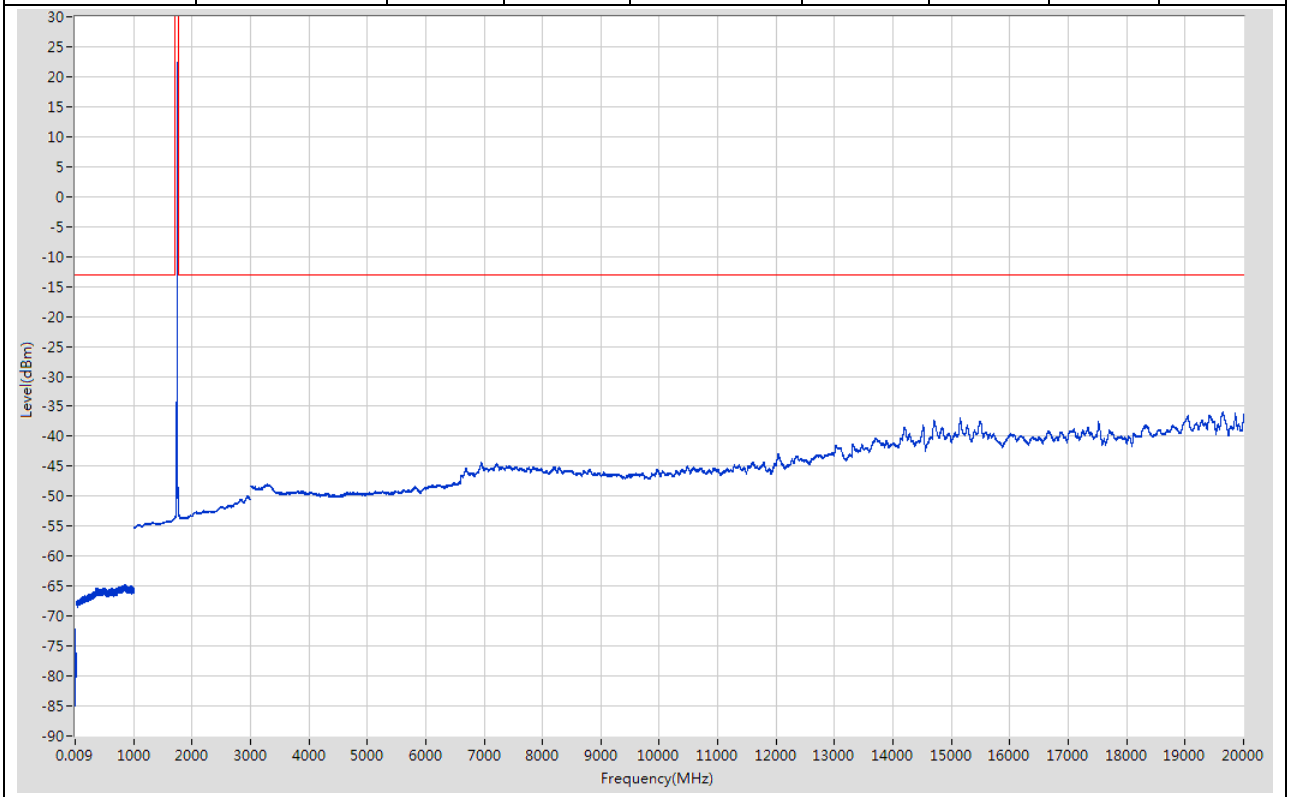
## 9.22. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:22, Channel:20175, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.8 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.55 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 864.22 | -64.8 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1695.994 | -53.54 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1727.95 | 21.32 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2941.953 | -50 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.31 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.98 | -13 | Pass | 8000 |



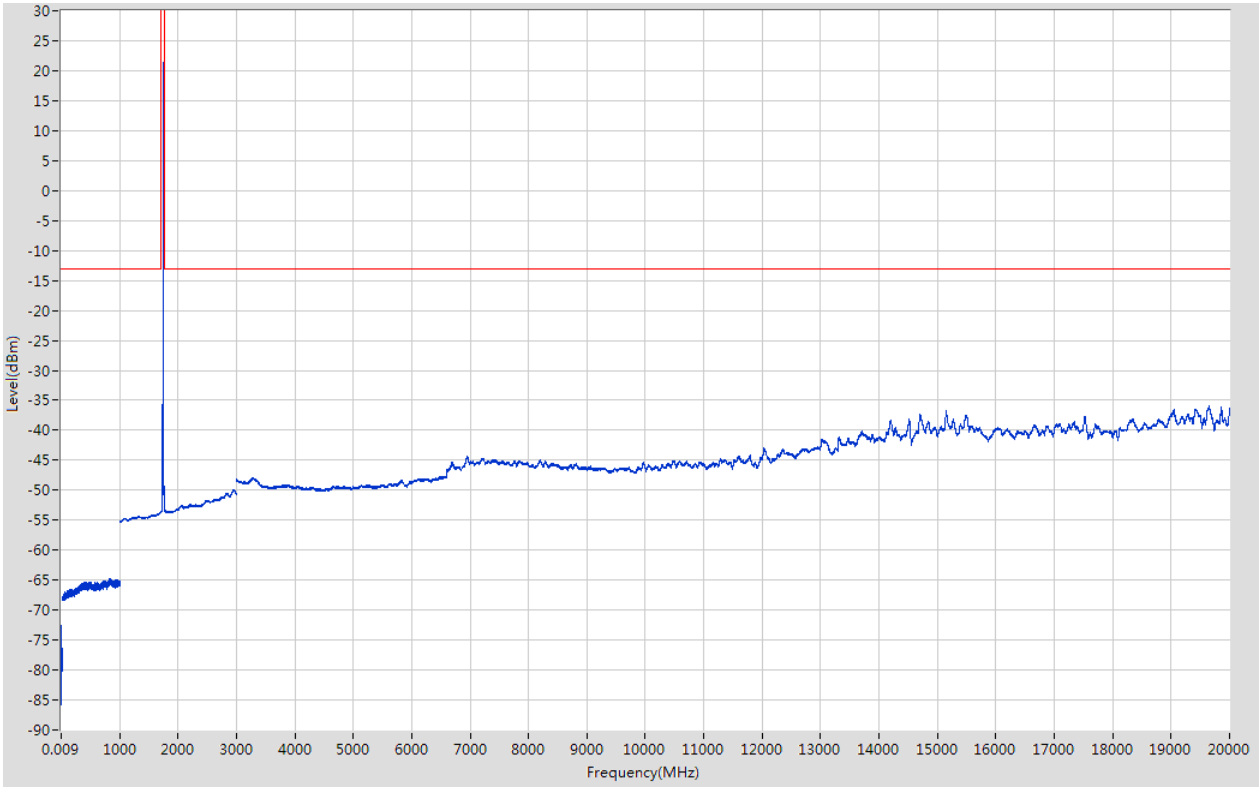
## 9.23. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:23, Channel:20350, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.69 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.19 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 848.6 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1694.993 | -53.68 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1745.5 | 22.41 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2946.957 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.98 | -13 | Pass | 8000 |



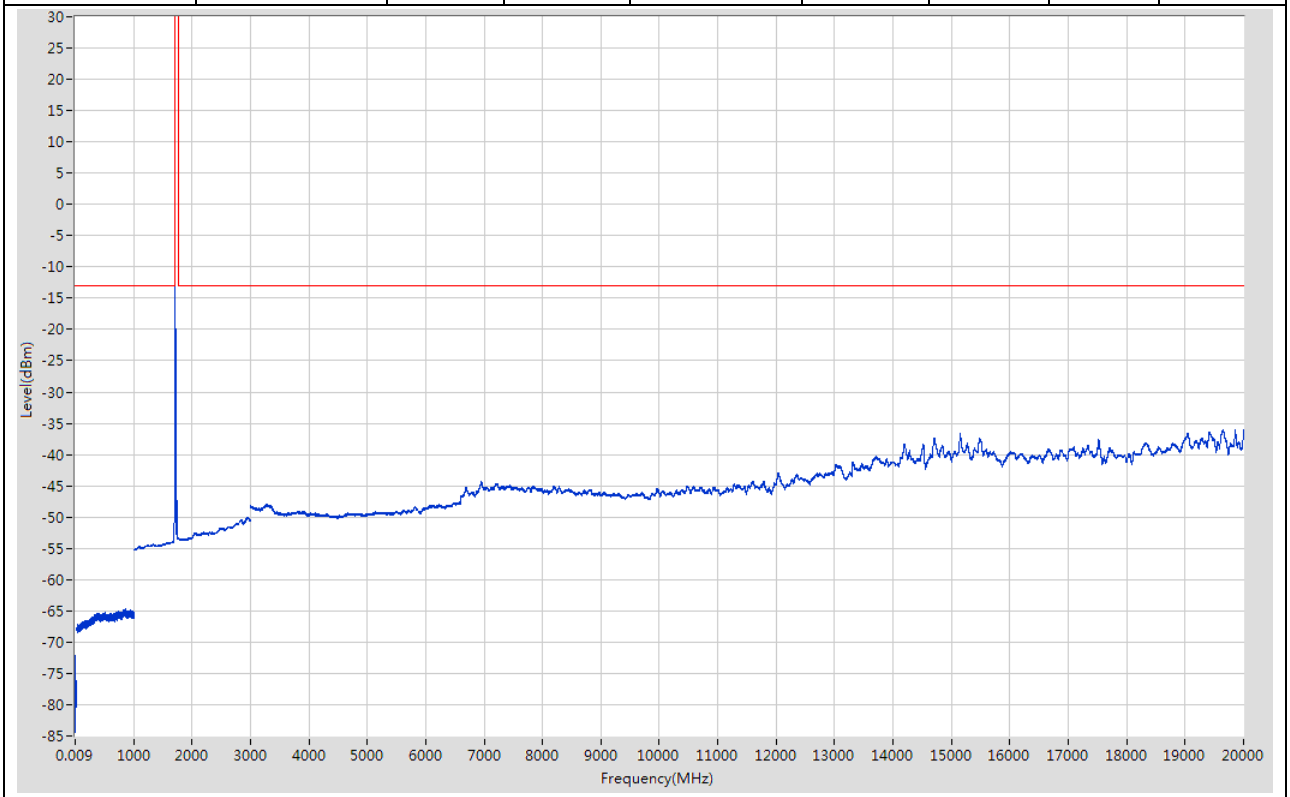
## 9.24. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:24, Channel:20350, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.72 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.56 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 846.3 | -64.74 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1696.996 | -53.67 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1745.5 | 21.48 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2949.959 | -49.96 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.86 | -13 | Pass | 8000 |



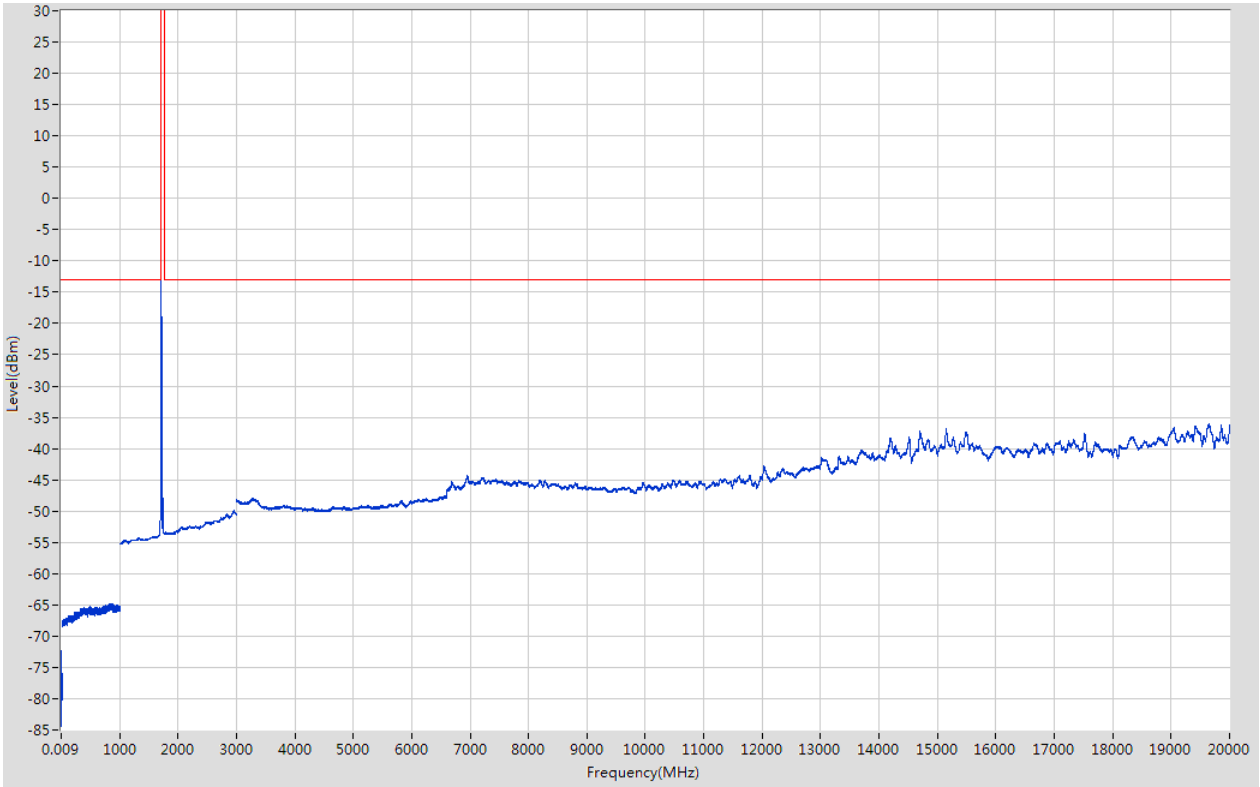
## 9.25. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:25, Channel:20025, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.71 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.14 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 866.723 | -64.73 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -35.35 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.725 | 22.63 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2957.966 | -49.97 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11785.735 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.96 | -13 | Pass | 8000 |



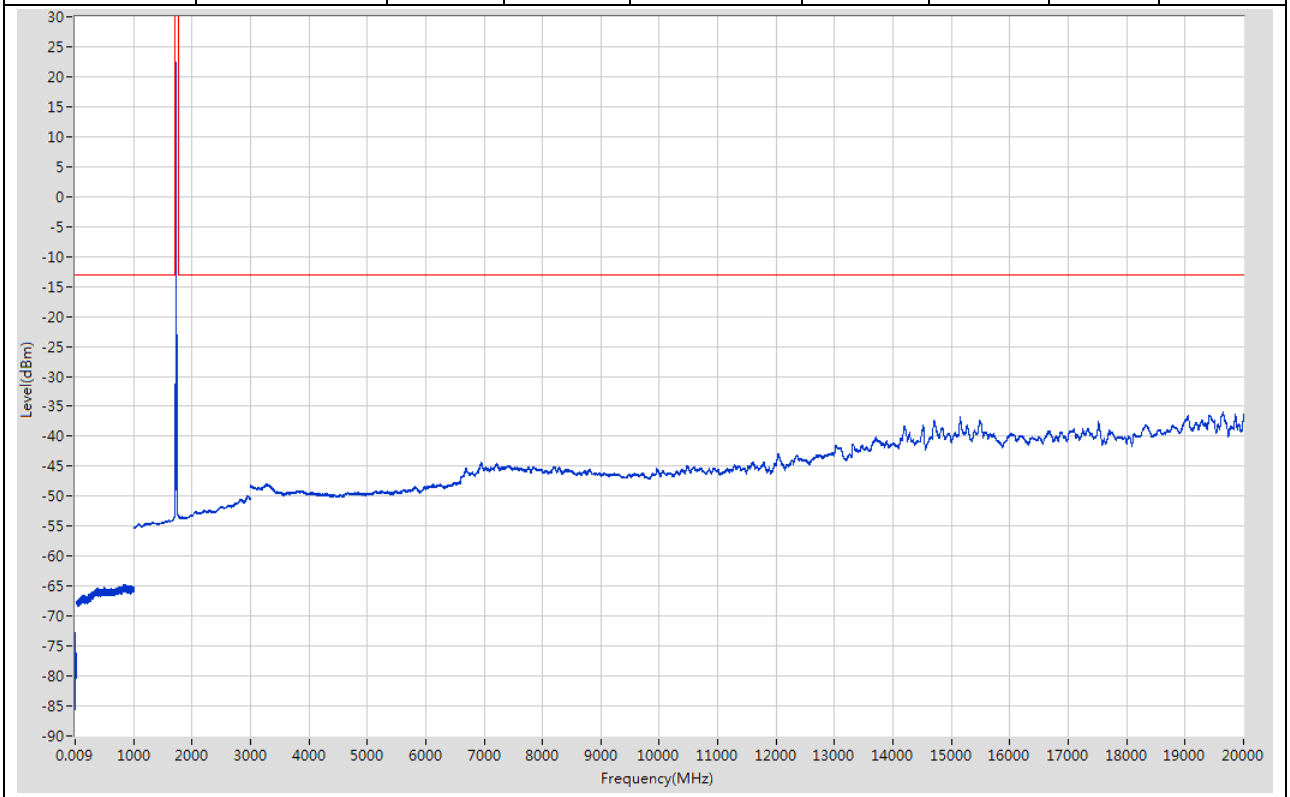
## 9.26. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:26, Channel:20025, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.79 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.36 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 853.005 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -36.73 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1710.725 | 22.05 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2957.966 | -49.96 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11785.735 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.99 | -13 | Pass | 8000 |



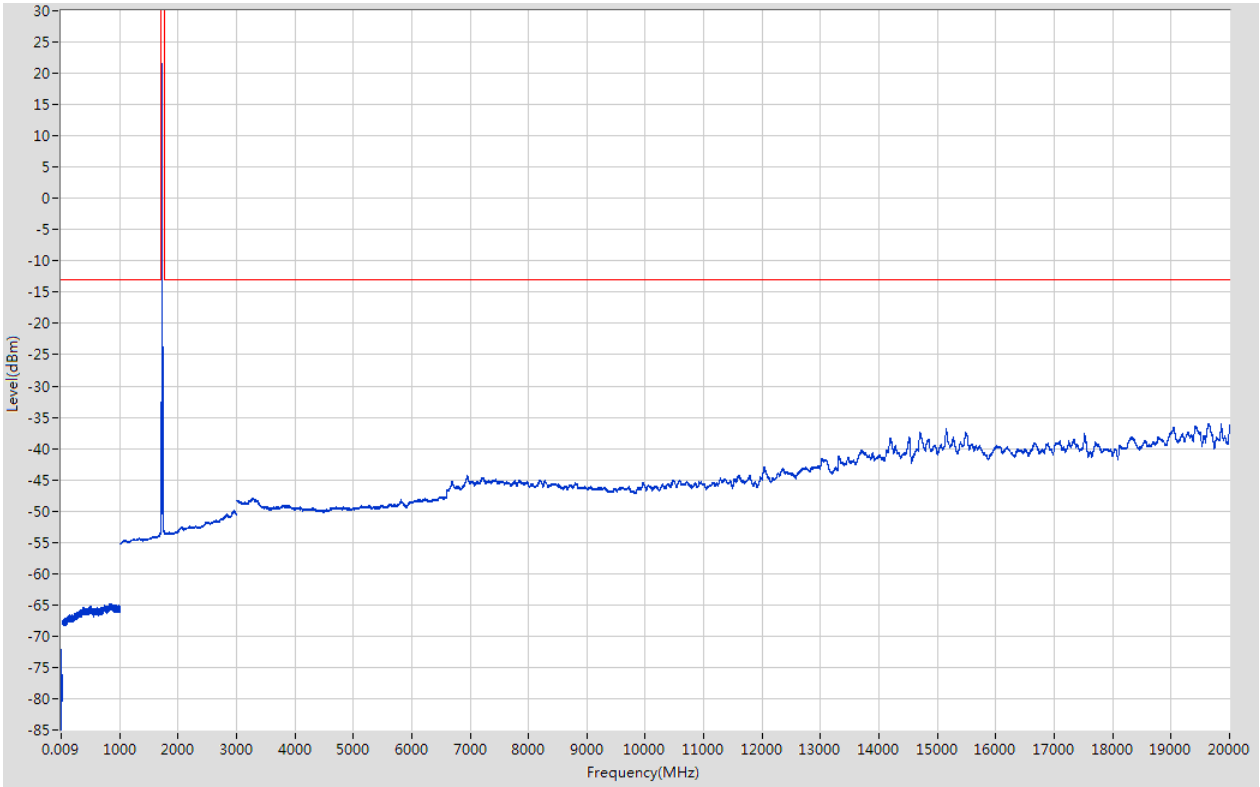
## 9.27. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:27, Channel:20175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.32 | -72.85 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 824.597 | -64.7 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -52.01 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1725.675 | 22.47 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2947.958 | -49.92 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.93 | -13 | Pass | 8000 |



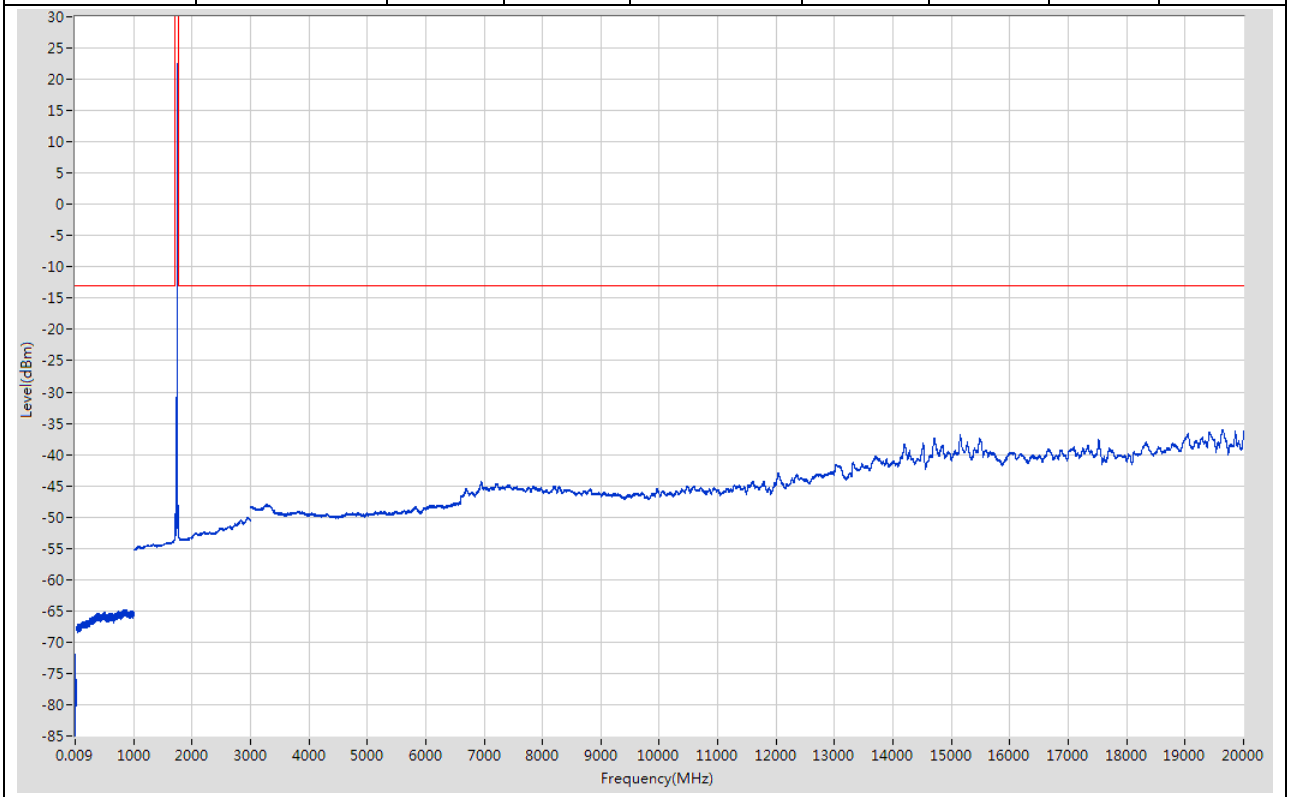
## 9.28. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:28, Channel:20175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.21 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 827.797 | -64.8 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -52.52 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1725.838 | 21.65 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2956.965 | -49.93 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.26 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.97 | -13 | Pass | 8000 |



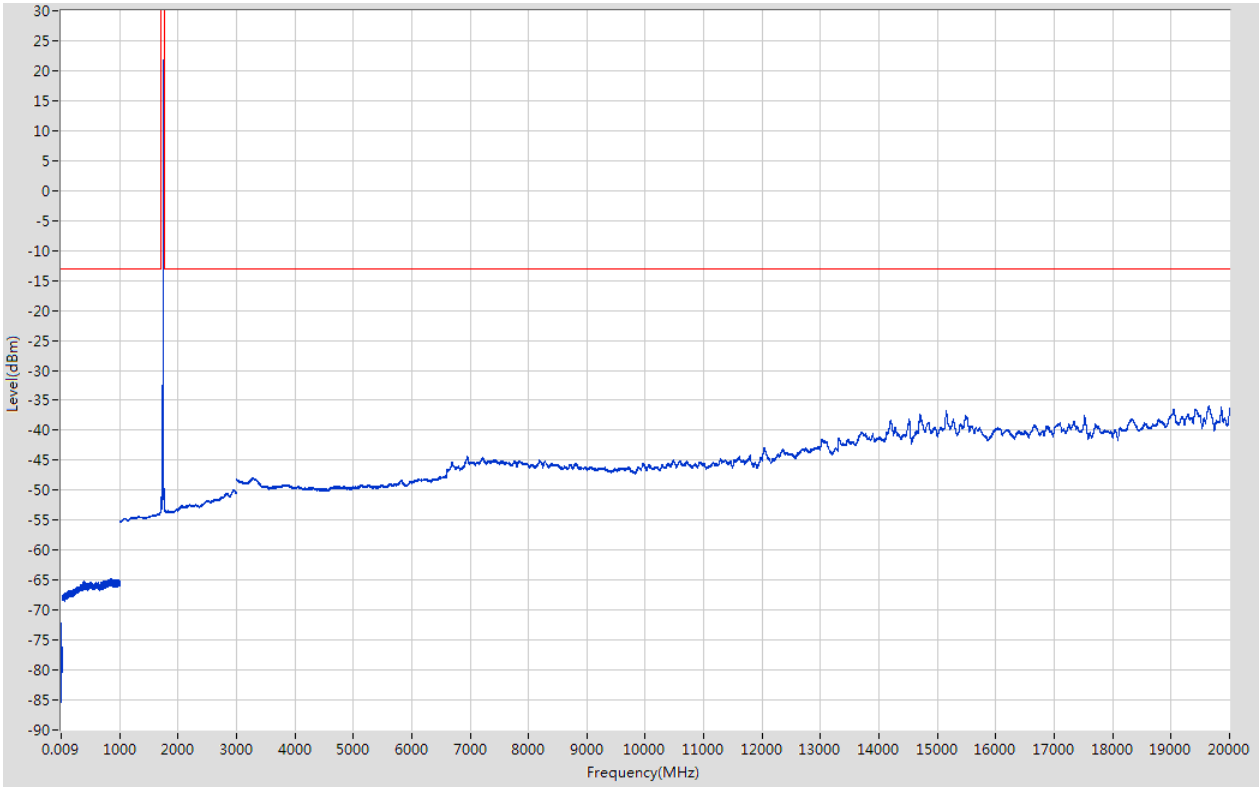
## 9.29. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:29, Channel:20325, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 857.411 | -64.77 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.56 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1740.788 | 22.57 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 1767.002 | -48.15 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.24 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.99 | -13 | Pass | 8000 |



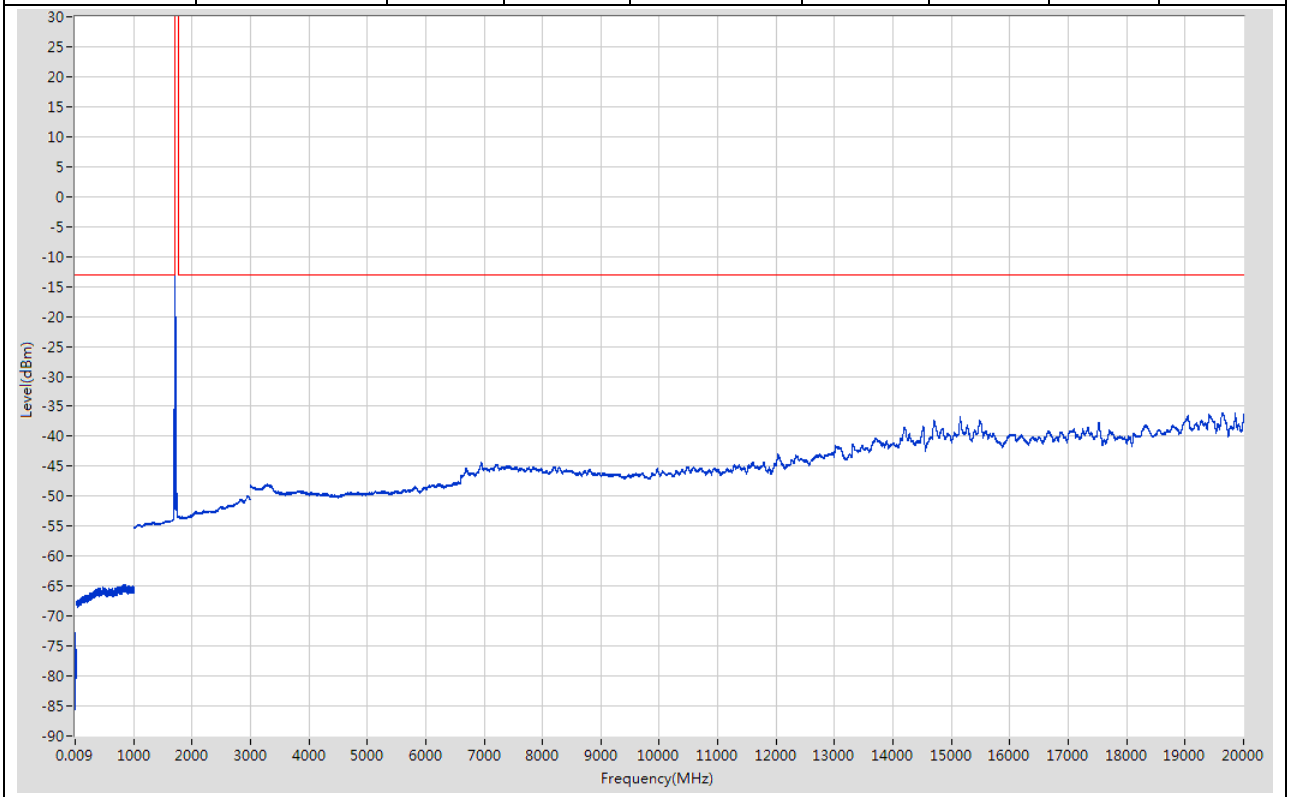
## 9.30. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:30, Channel:20325, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.98 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.22 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.899 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1695.994 | -53.64 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1740.788 | 21.86 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 1767.002 | -49.75 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.95 | -13 | Pass | 8000 |



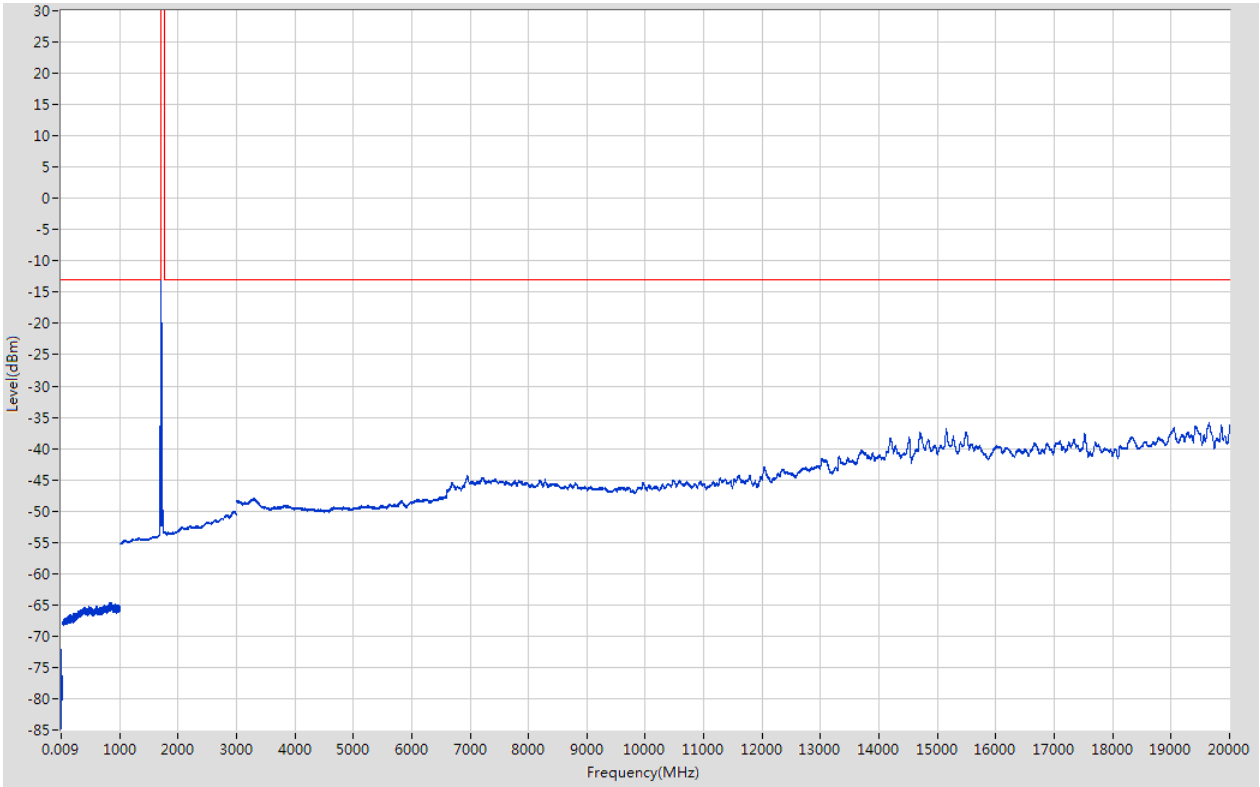
## 9.31. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:31, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.07 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.77 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 827.997 | -64.79 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -35.5 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1711.05 | 22.43 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2946.957 | -49.95 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.23 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36.02 | -13 | Pass | 8000 |



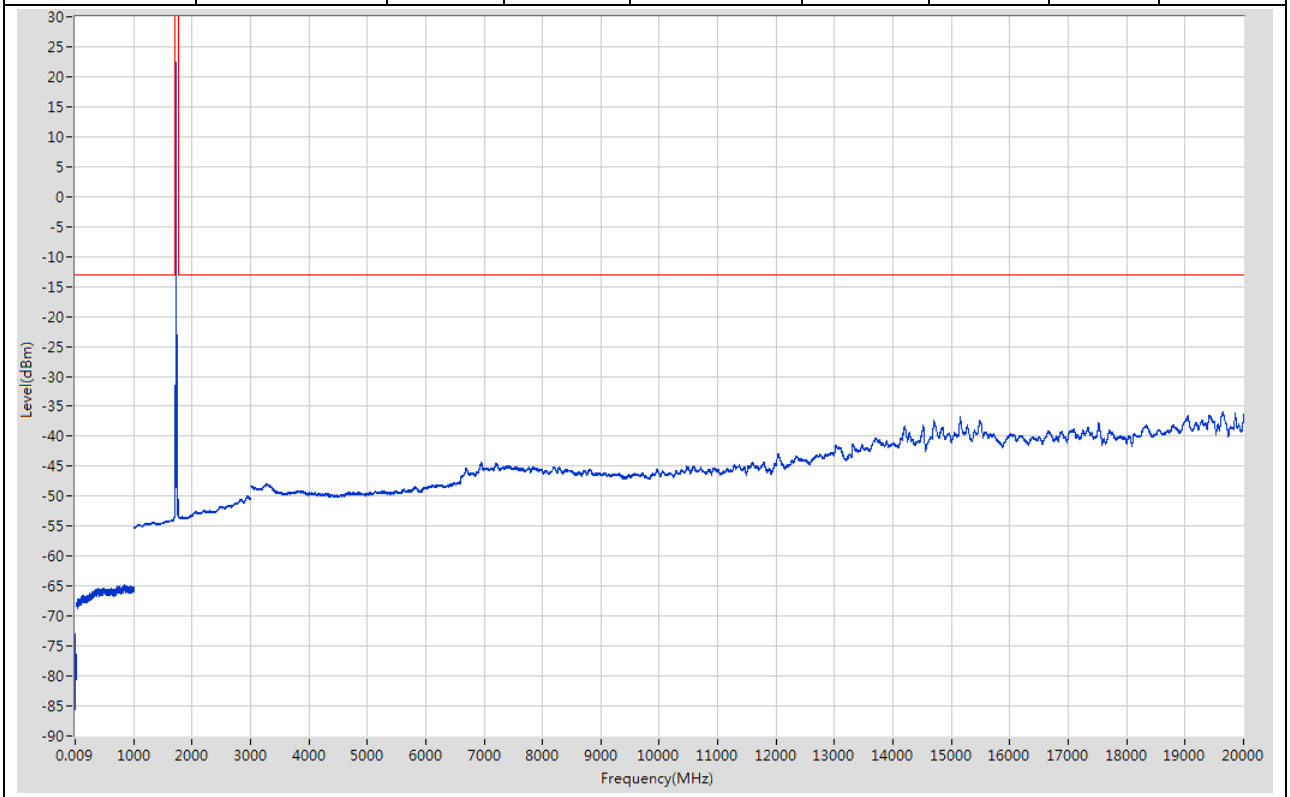
## 9.32. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:32, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.11 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.16 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 828.697 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -36.48 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1711.05 | 21.8 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2954.964 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.29 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.92 | -13 | Pass | 8000 |



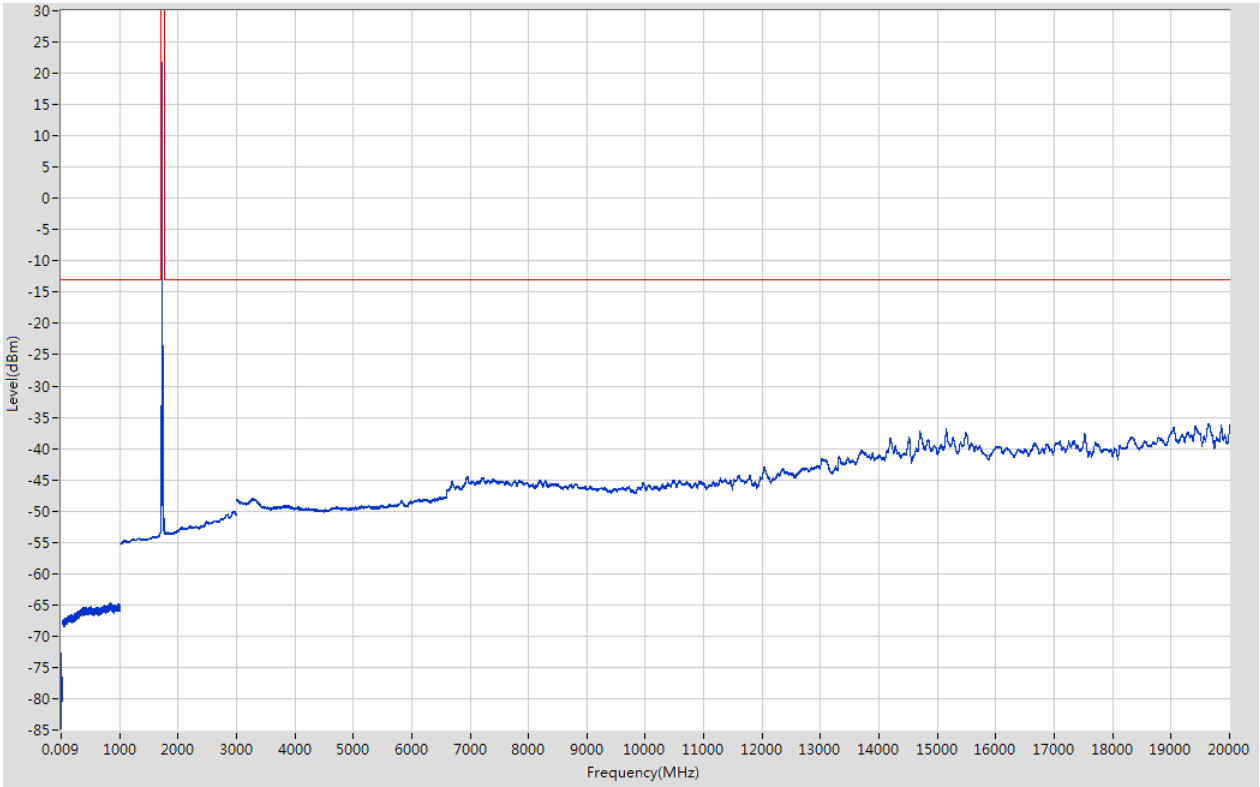
## 9.33. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:33, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.36 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -73.03 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.899 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.28 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1723.563 | 22.36 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2949.959 | -49.94 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.25 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.99 | -13 | Pass | 8000 |



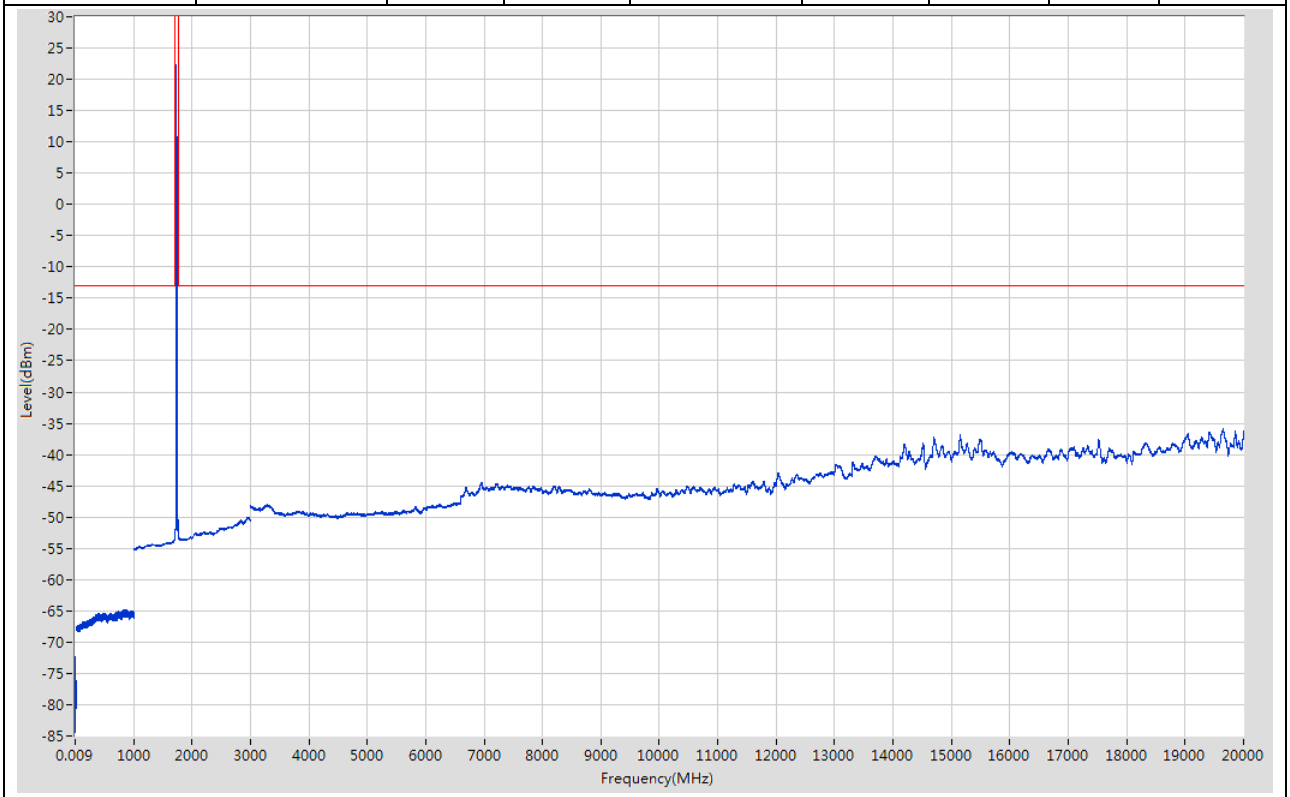
## 9.34. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:34, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.88 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.68 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.098 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -53.35 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1723.563 | 21.68 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2948.959 | -49.99 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.27 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -36.04 | -13 | Pass | 8000 |



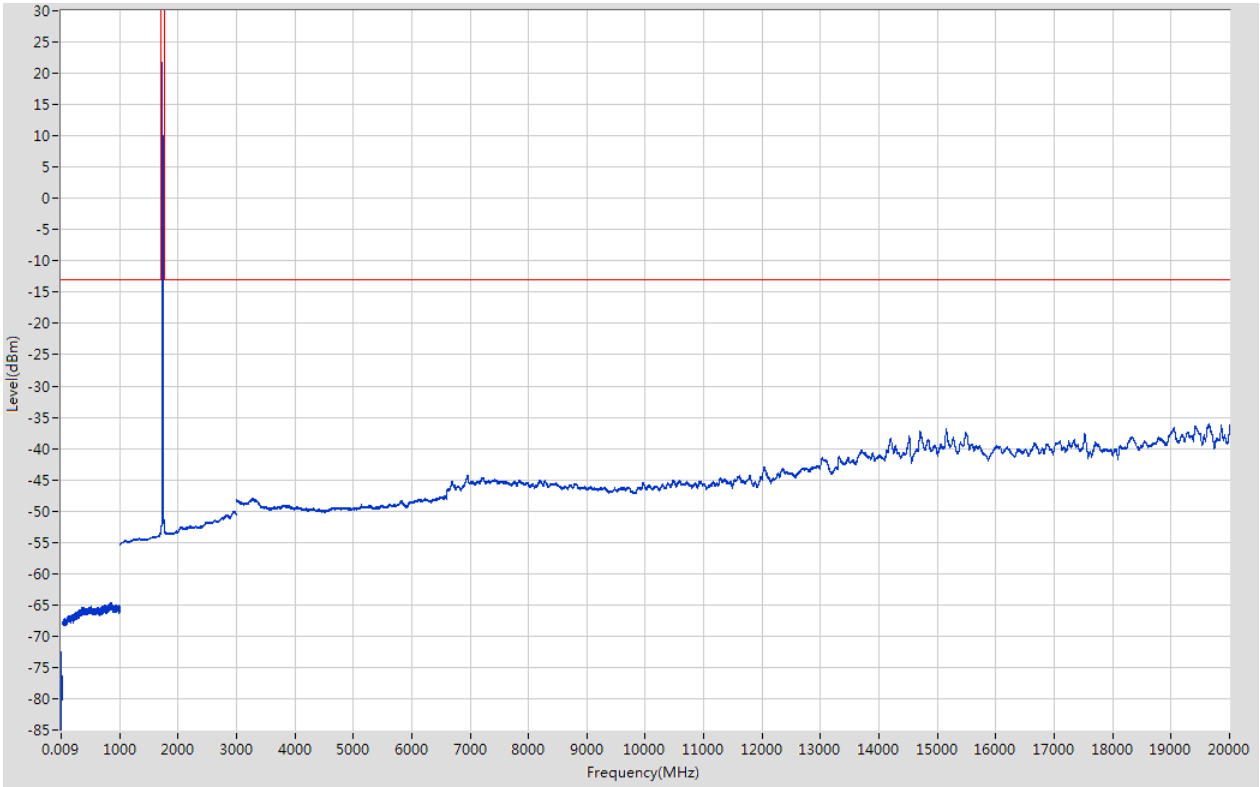
## 9.35. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:35, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.81 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.31 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 847.7 | -64.76 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -52.8 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1736.075 | 22.34 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2951.961 | -49.98 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.23 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.85 | -13 | Pass | 8000 |



## 9.36. LTE Spurious Emission at Antenna Terminals(NTHV)(Subtest:36, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

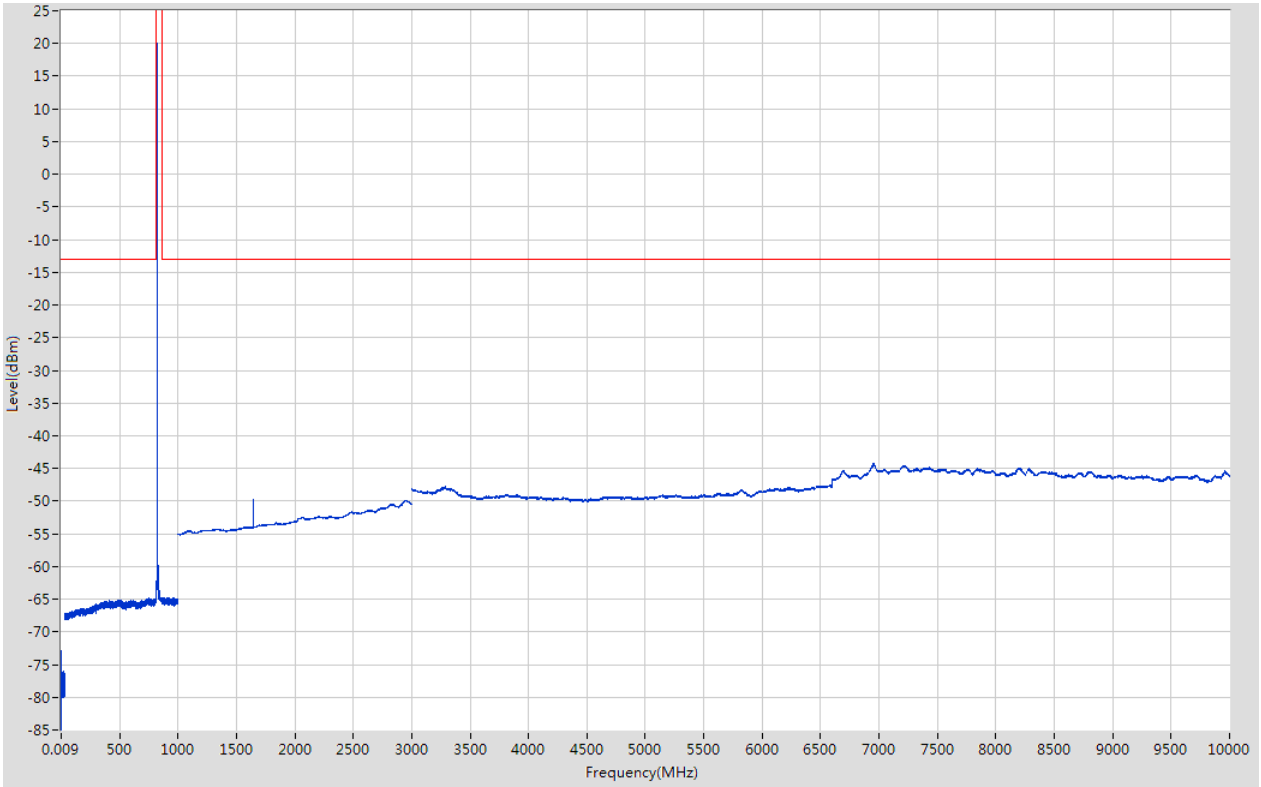
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.15 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.45 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.099 | -64.69 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.24 | -13 | Pass | 700 |
| 1700 | 1765 | 1 | RMS | 1736.075 | 21.69 | 60 | Pass | 401 |
| 1765 | 3000 | 1 | RMS | 2954.964 | -50 | -13 | Pass | 1235 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -36.02 | -13 | Pass | 8000 |



# 10. LTE_Band5

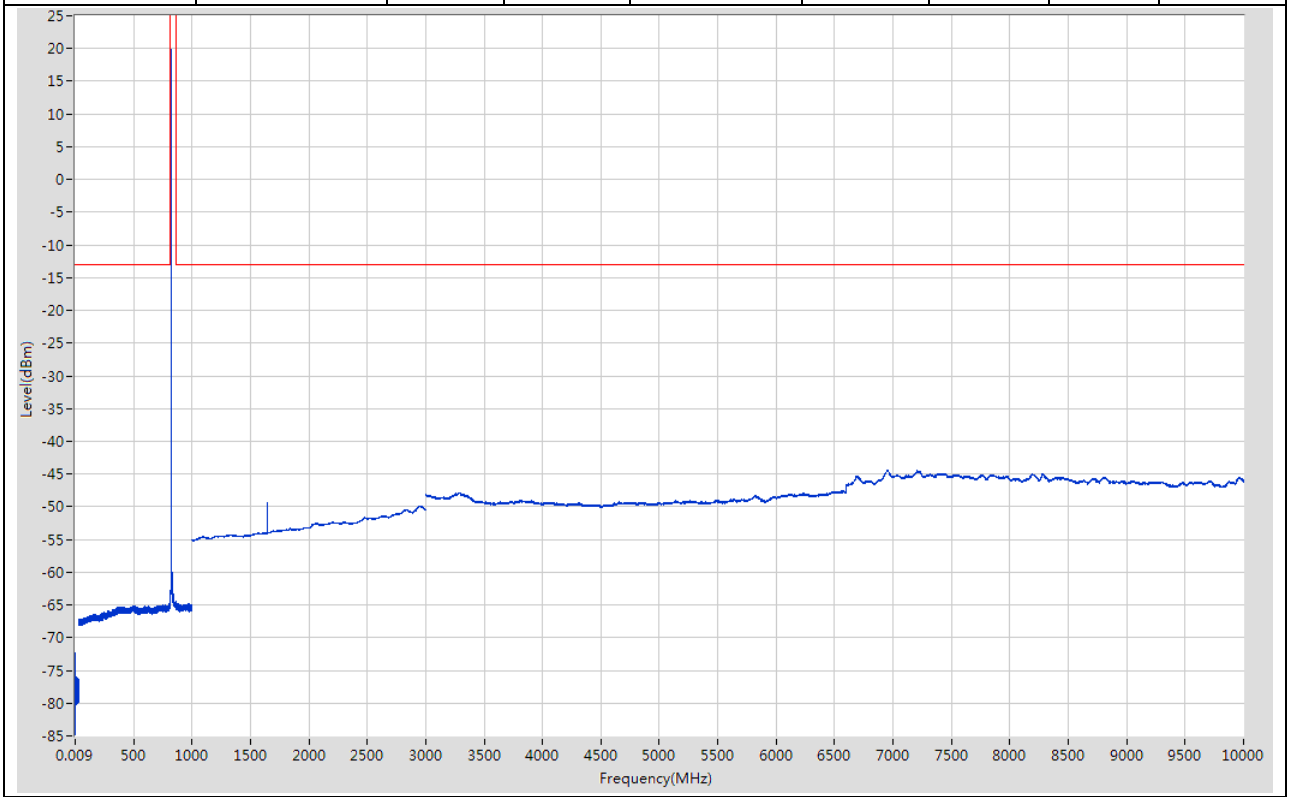
## 10.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:20407, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75.03 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.82 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.6 | -64.4 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 19.96 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 875.411 | -64.78 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.75 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.23 | -13 | Pass | 7000 |



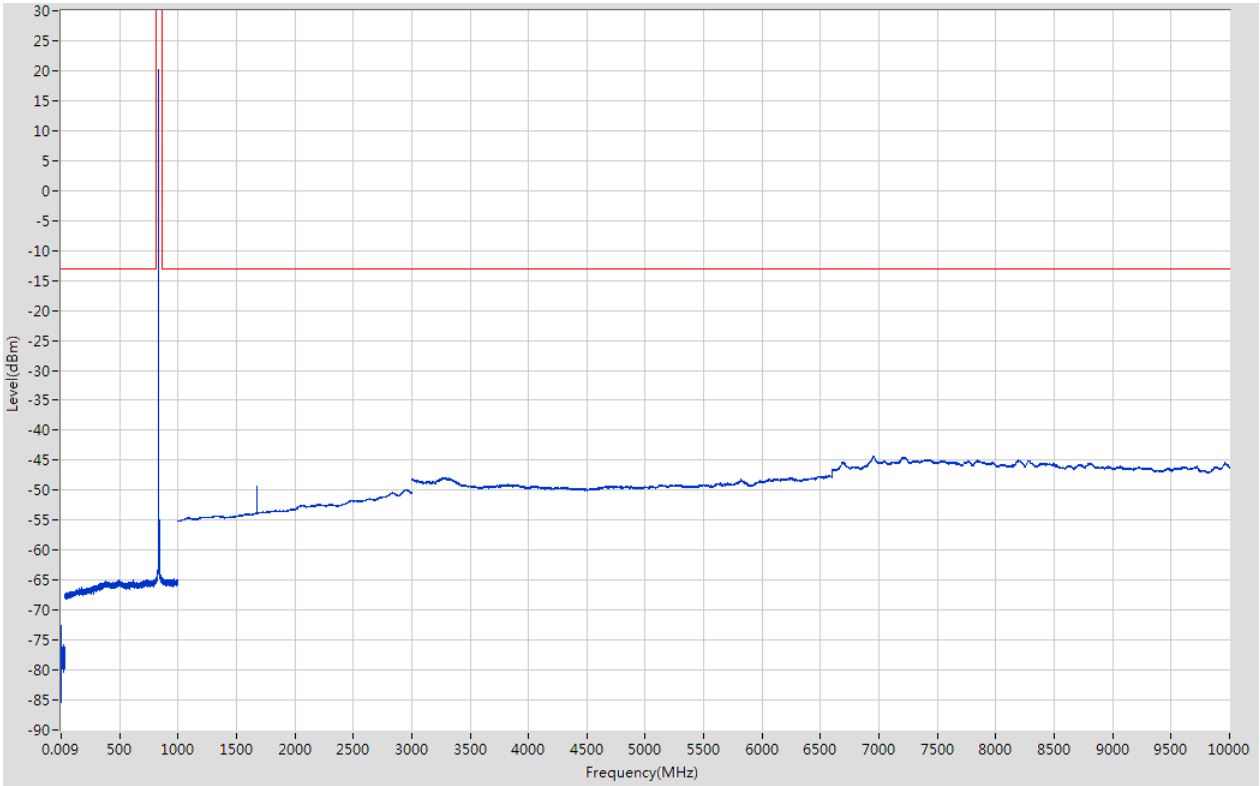
## 10.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:20407, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.16 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.41 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.4 | -64.2 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 19.77 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 866.605 | -64.52 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.36 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.36 | -13 | Pass | 7000 |



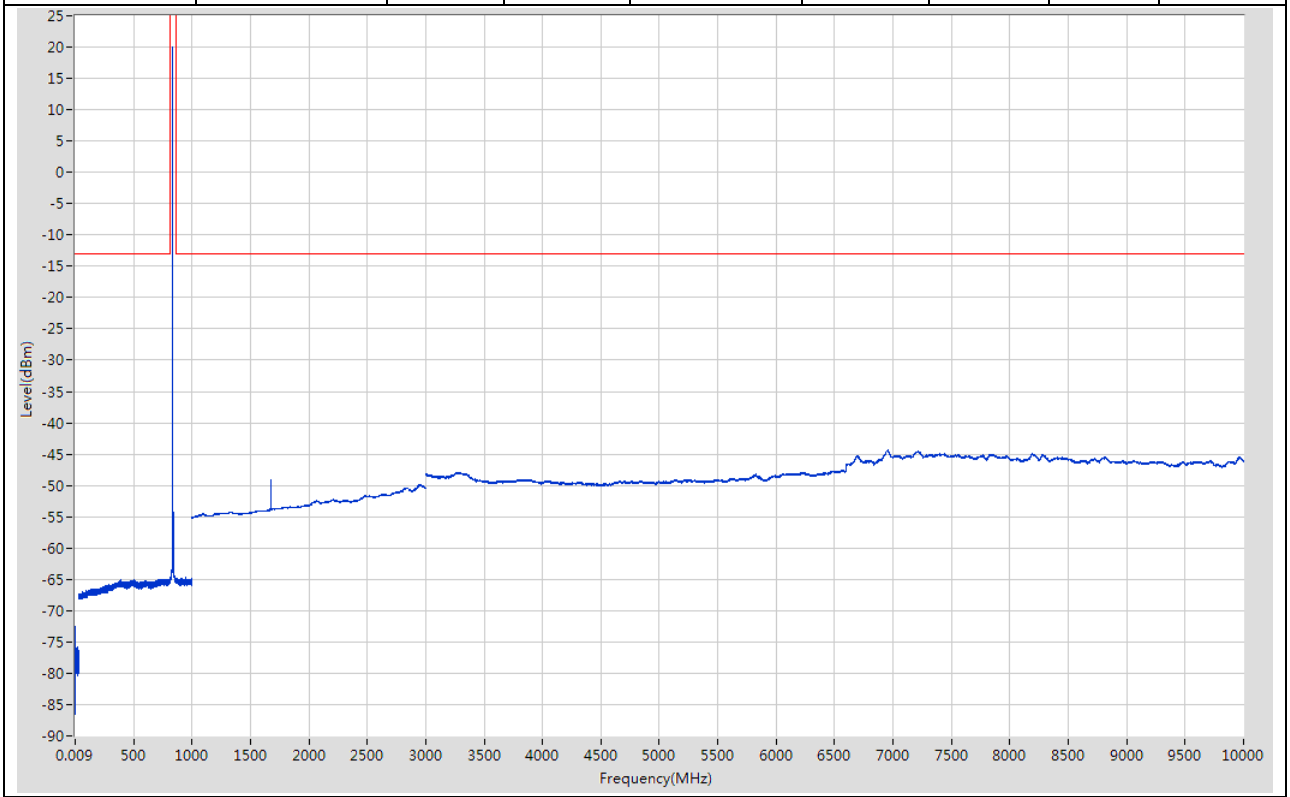
## 10.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:20525, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.59 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.22 | -72.51 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -64.64 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 836.048 | 20.2 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860 | -64.66 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1671.336 | -49.4 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6959.566 | -44.31 | -13 | Pass | 7000 |



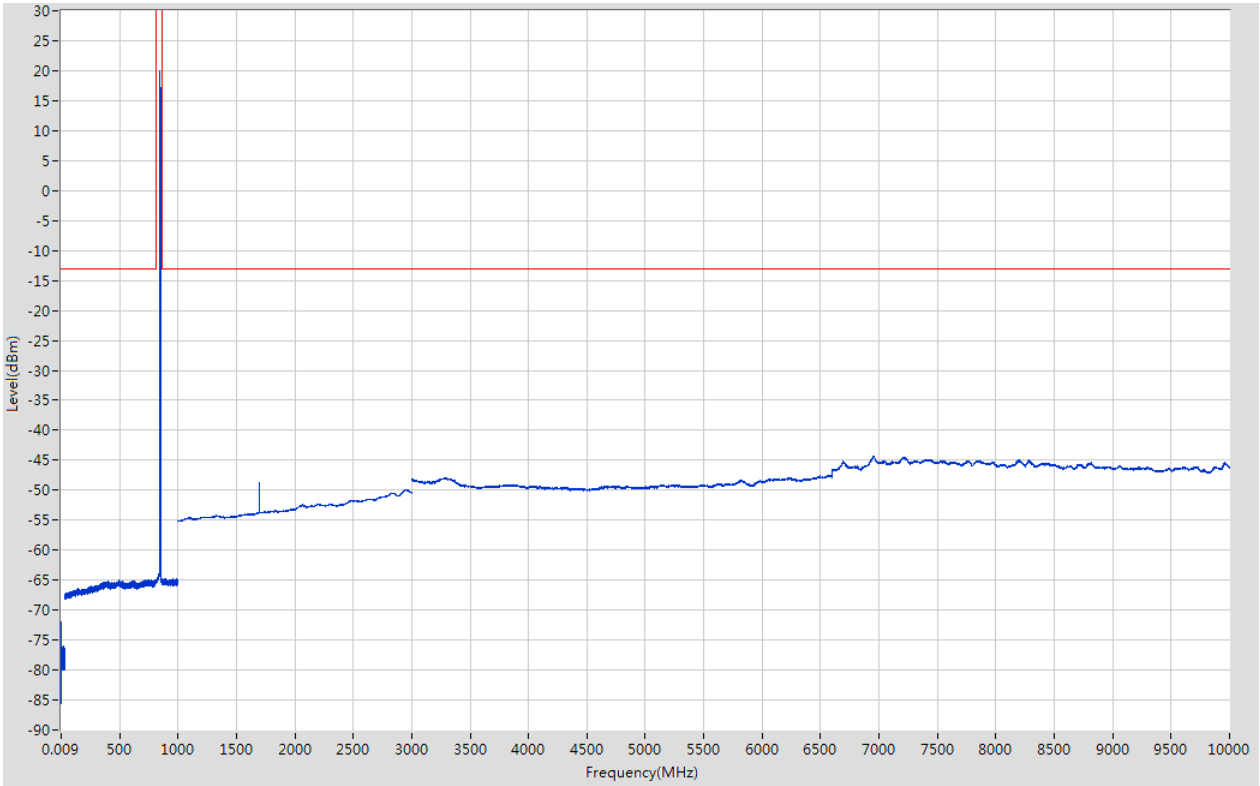
## 10.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:20525, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.1 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.59 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 814 | -64.71 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 836.048 | 19.97 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 950.565 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1671.336 | -49.15 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.36 | -13 | Pass | 7000 |



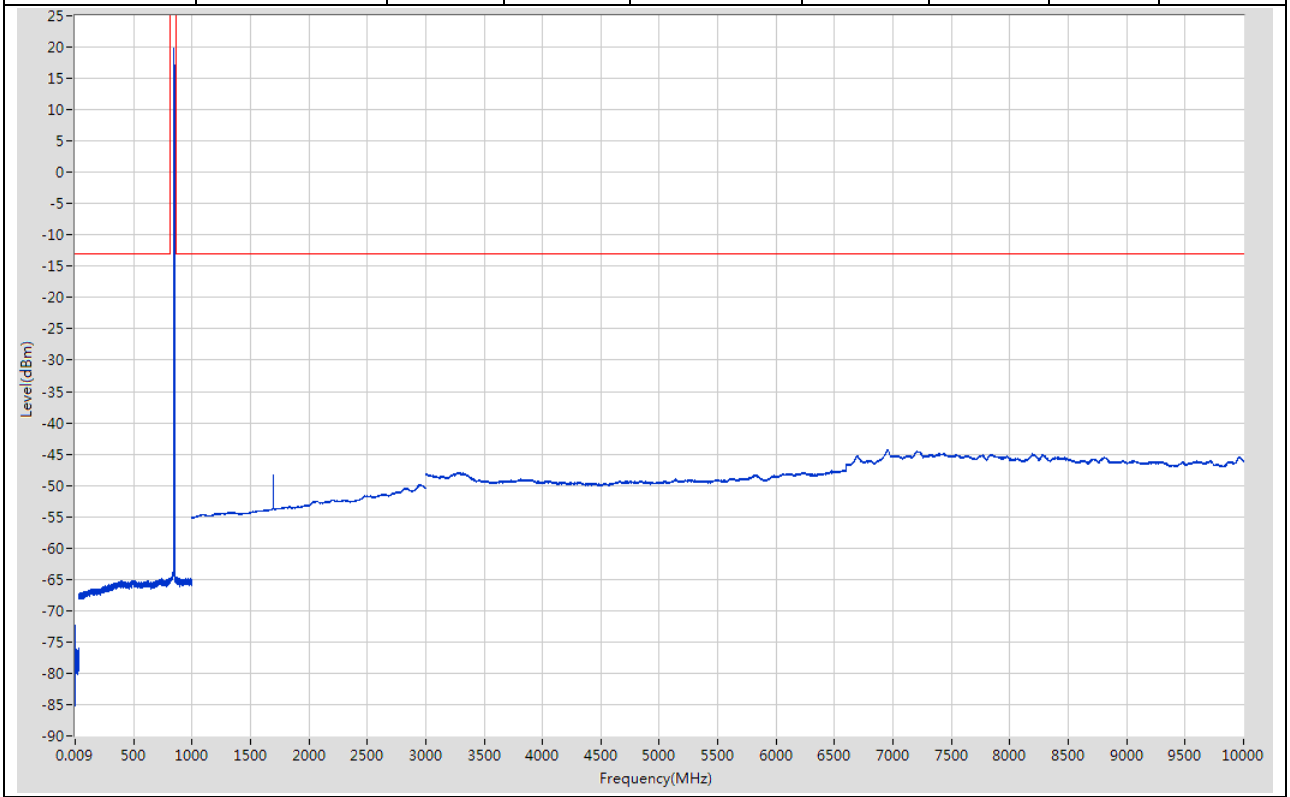
## 10.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:20643, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.77 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.03 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 805.699 | -64.9 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 847.874 | 20.08 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 896.426 | -64.67 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1695.348 | -48.7 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.3 | -13 | Pass | 7000 |



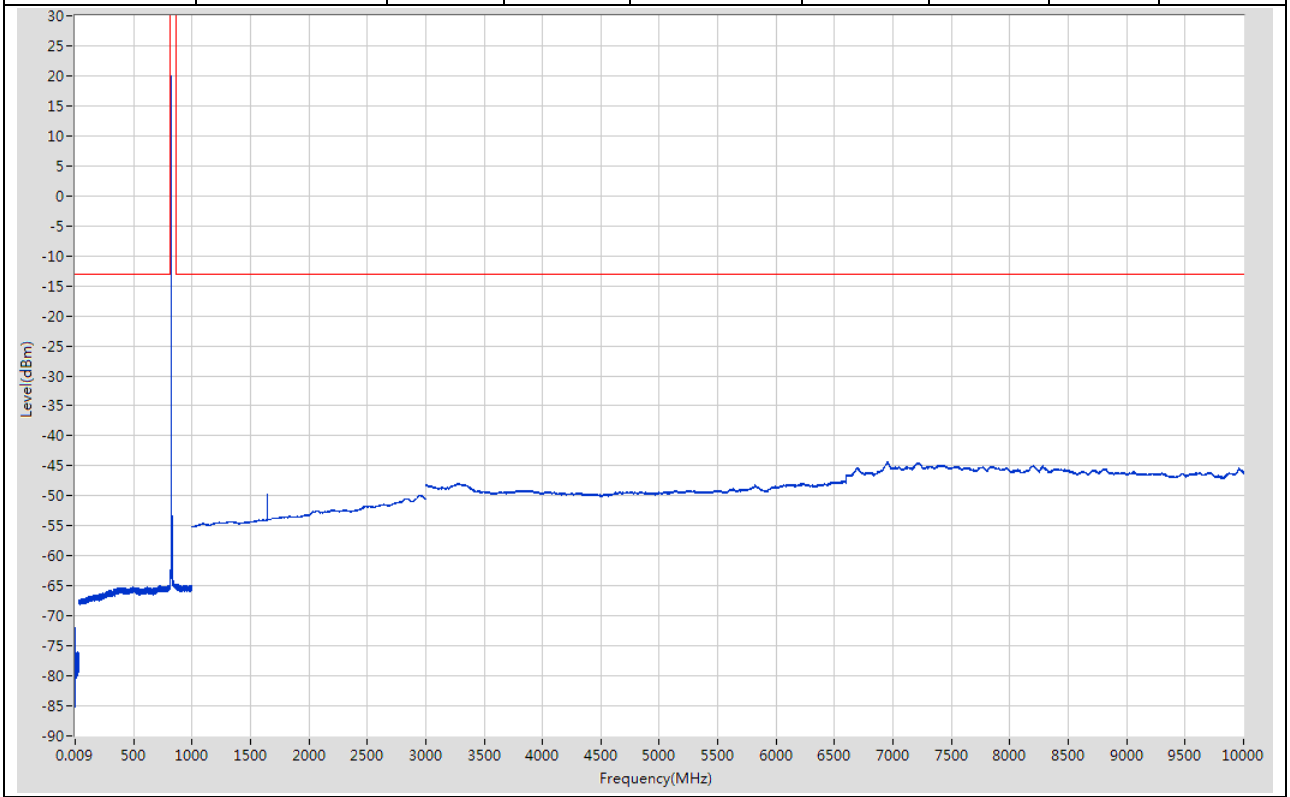
## 10.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:20643, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -75.18 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.42 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 735.99 | -64.91 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 847.874 | 19.91 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 867.806 | -64.63 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1695.348 | -48.43 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.36 | -13 | Pass | 7000 |



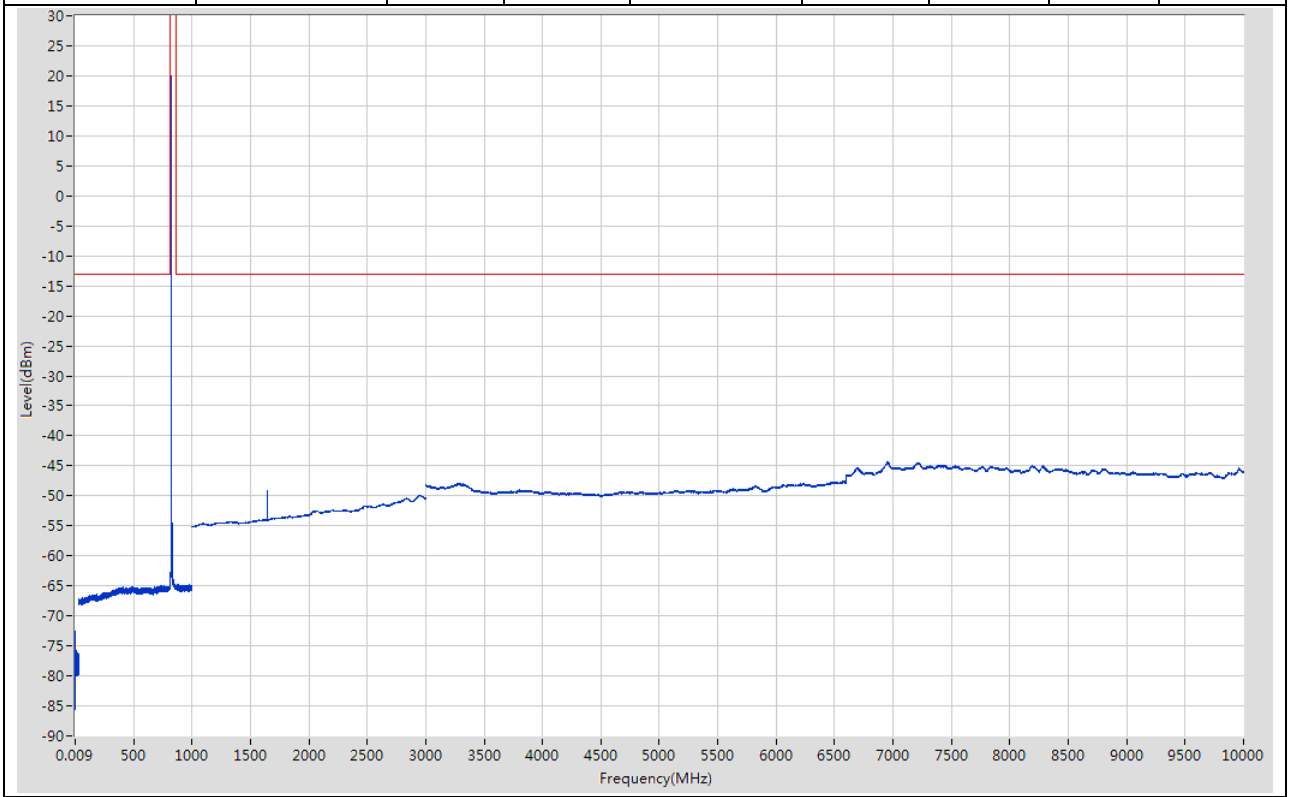
## 10.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:20415, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -75.03 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.89 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.6 | -64.36 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 20.08 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 887.62 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.8 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6958.566 | -44.32 | -13 | Pass | 7000 |



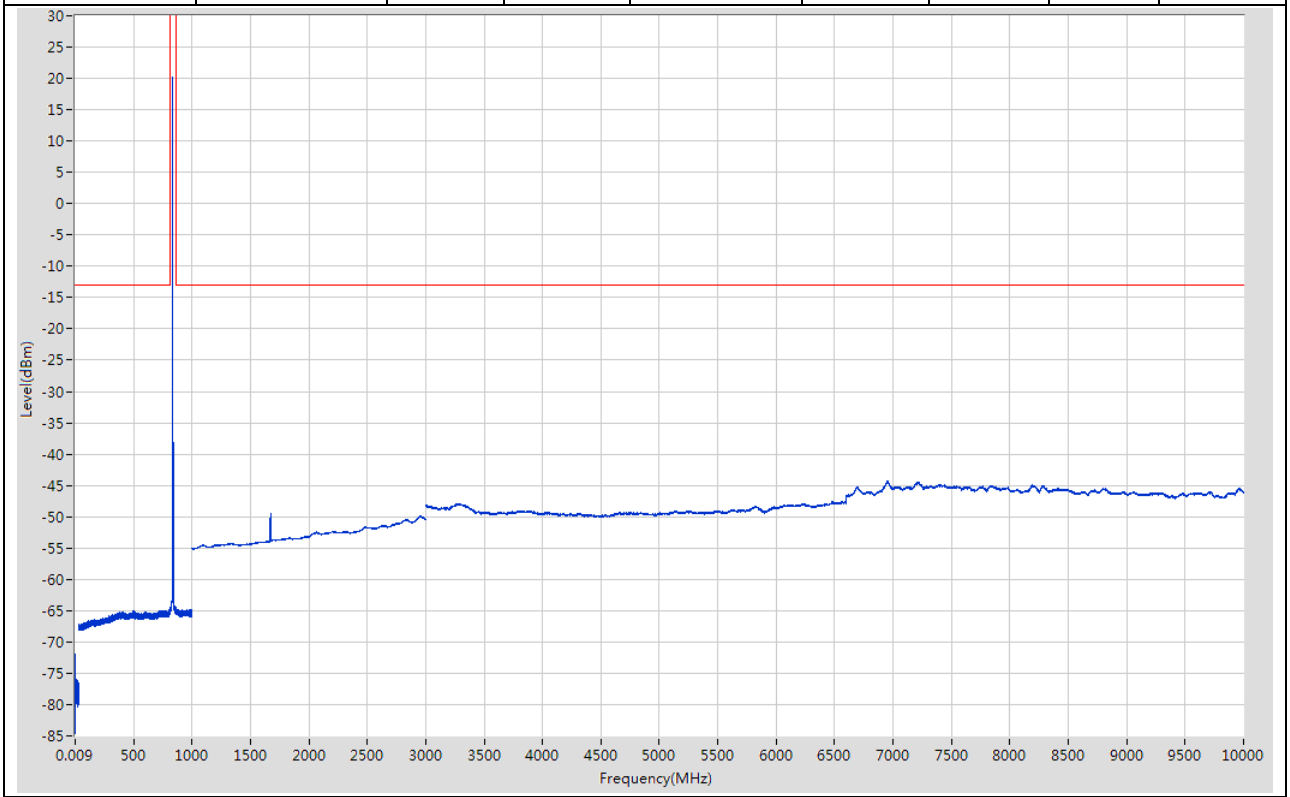
## 10.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:20415, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.09 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.55 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.5 | -64.11 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 20.03 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 880.815 | -64.76 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.21 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.31 | -13 | Pass | 7000 |



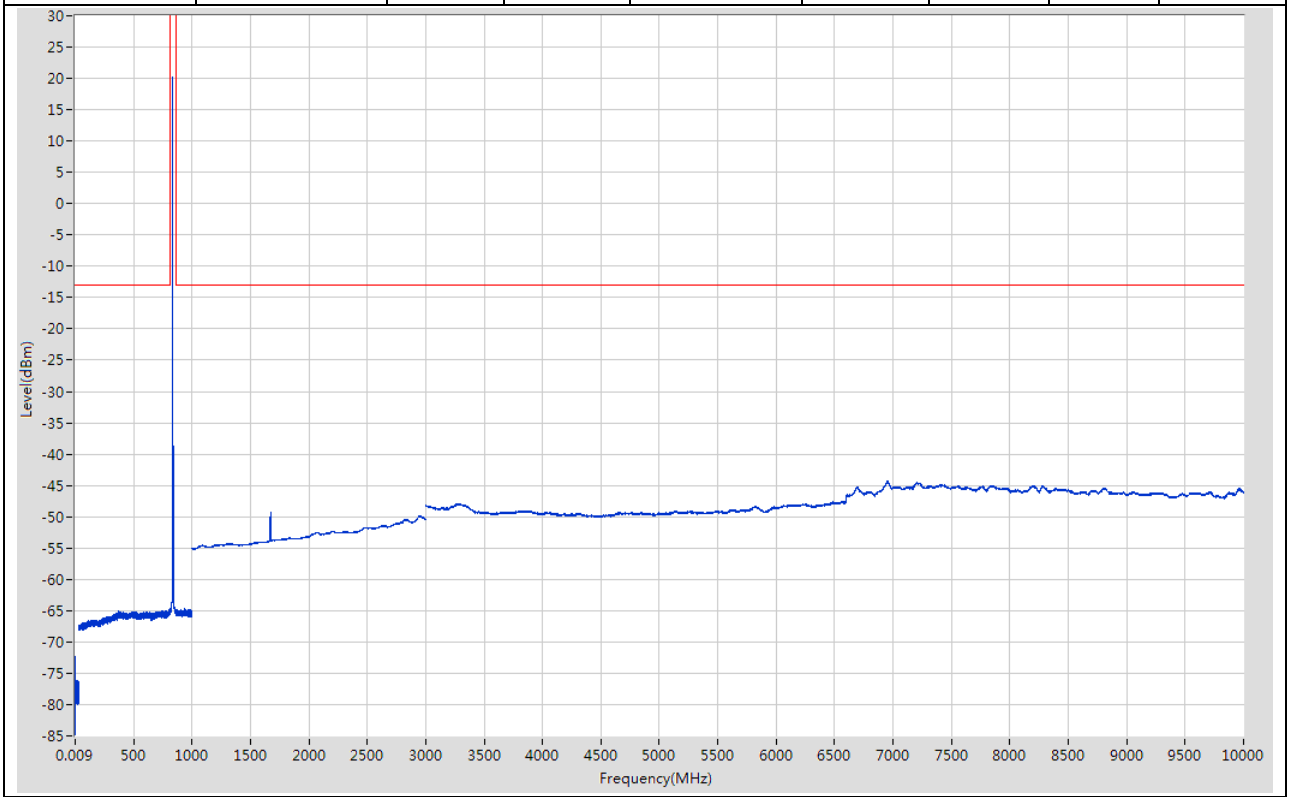
## 10.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:20525, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.63 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.04 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813 | -64.52 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 835.246 | 20.24 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 868.006 | -64.54 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1670.335 | -49.51 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.23 | -13 | Pass | 7000 |



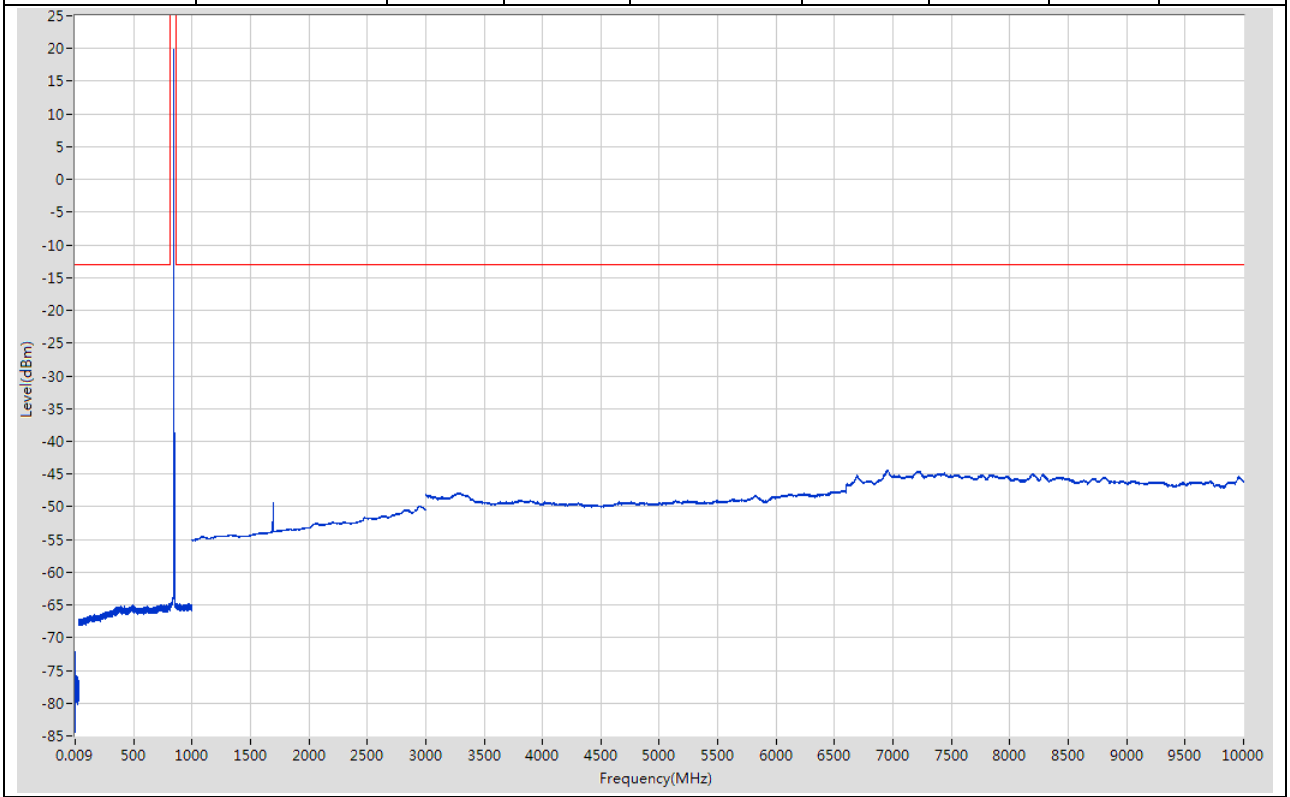
## 10.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:20525, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.014 | -74.16 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.29 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 811.6 | -64.84 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 835.246 | 20.14 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 930.45 | -64.63 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1670.335 | -49.38 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.26 | -13 | Pass | 7000 |



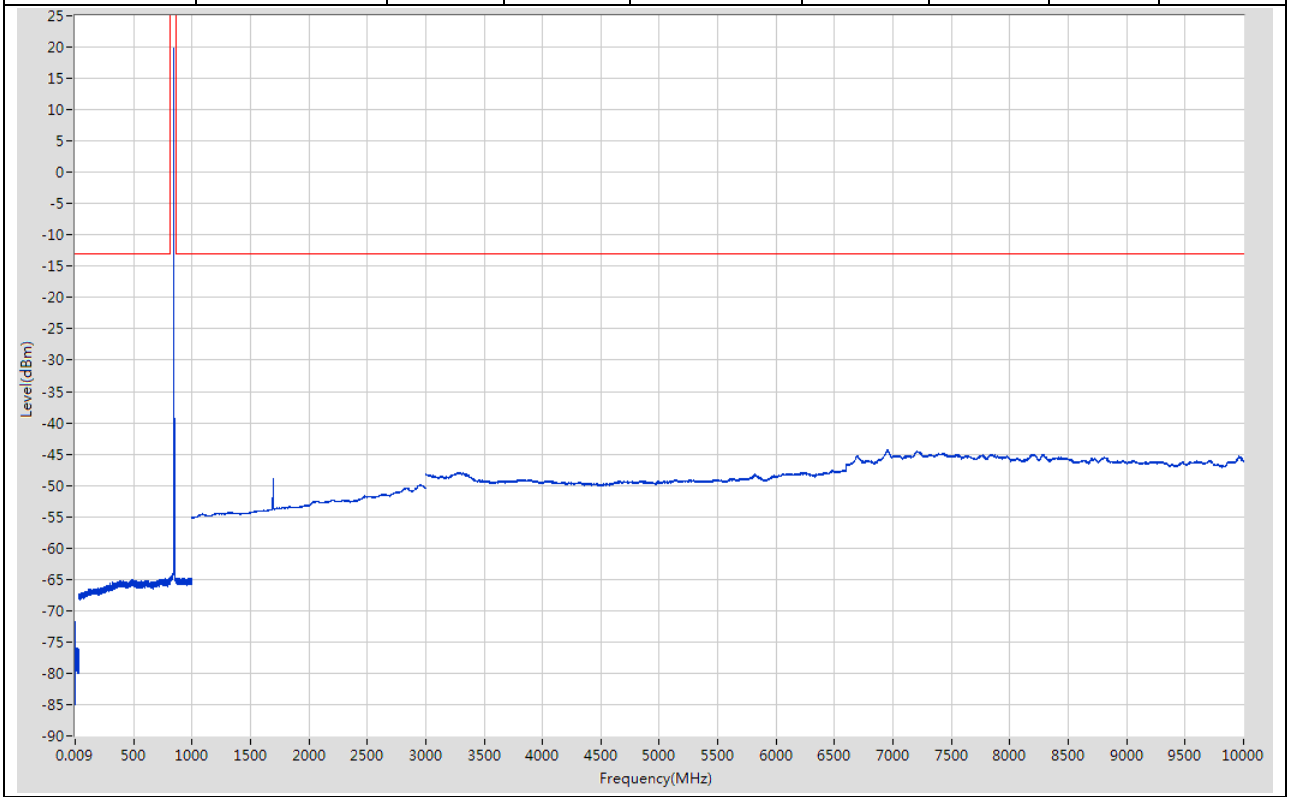
## 10.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:20635, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.3 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.16 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 807.299 | -64.87 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 846.27 | 19.95 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 867.305 | -64.76 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1692.346 | -49.3 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6956.565 | -44.36 | -13 | Pass | 7000 |



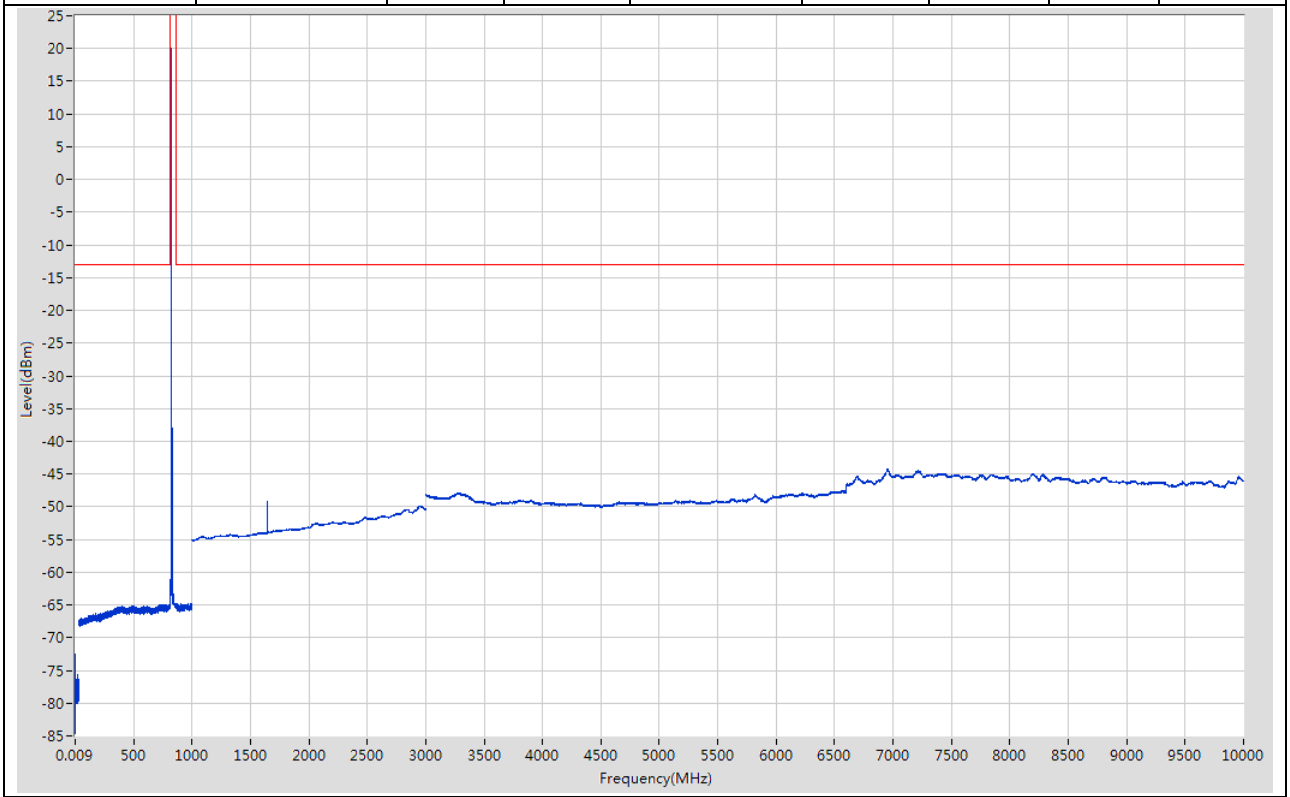
## 10.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:20635, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.91 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.76 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.7 | -64.72 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 846.27 | 19.91 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 861.401 | -64.78 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1692.346 | -49 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6956.565 | -44.36 | -13 | Pass | 7000 |



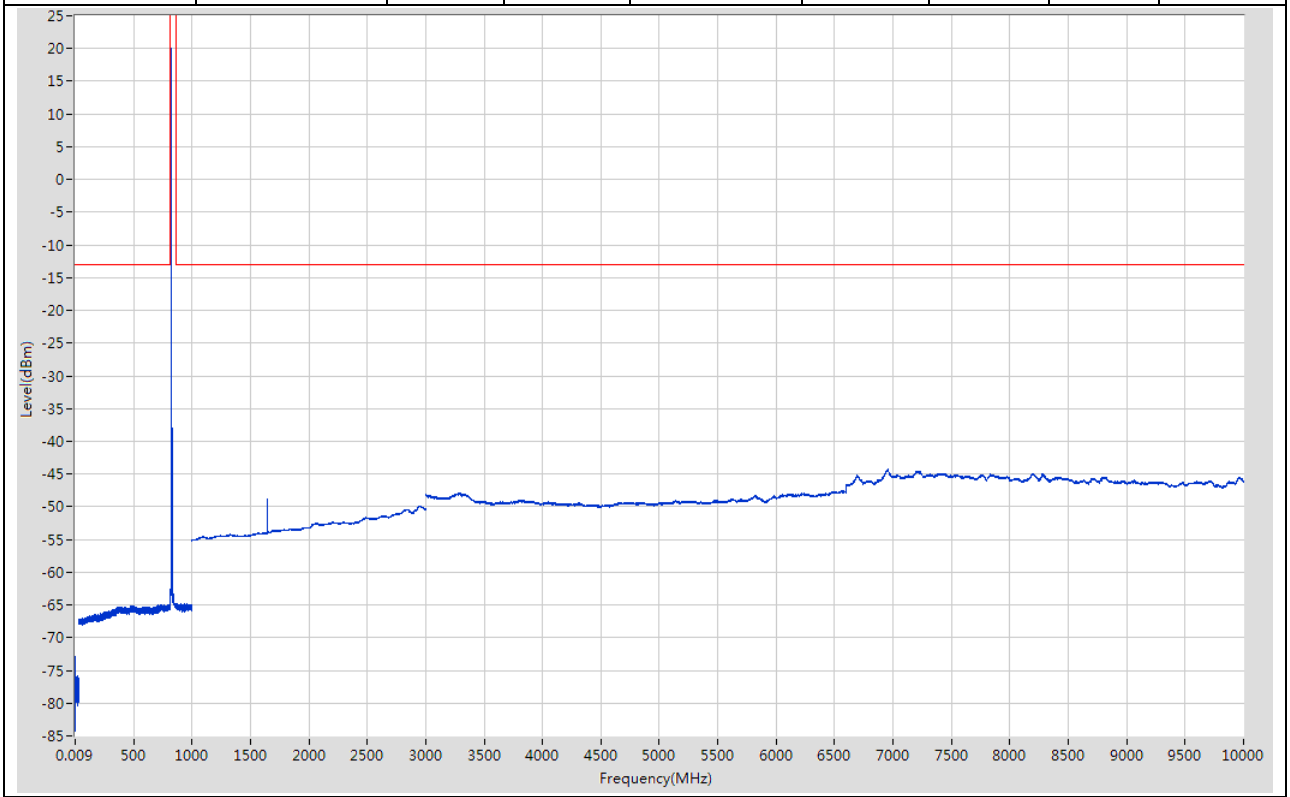
## 10.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:20425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.15 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.54 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -63.84 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.322 | 19.98 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 987.191 | -64.8 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.26 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.27 | -13 | Pass | 7000 |



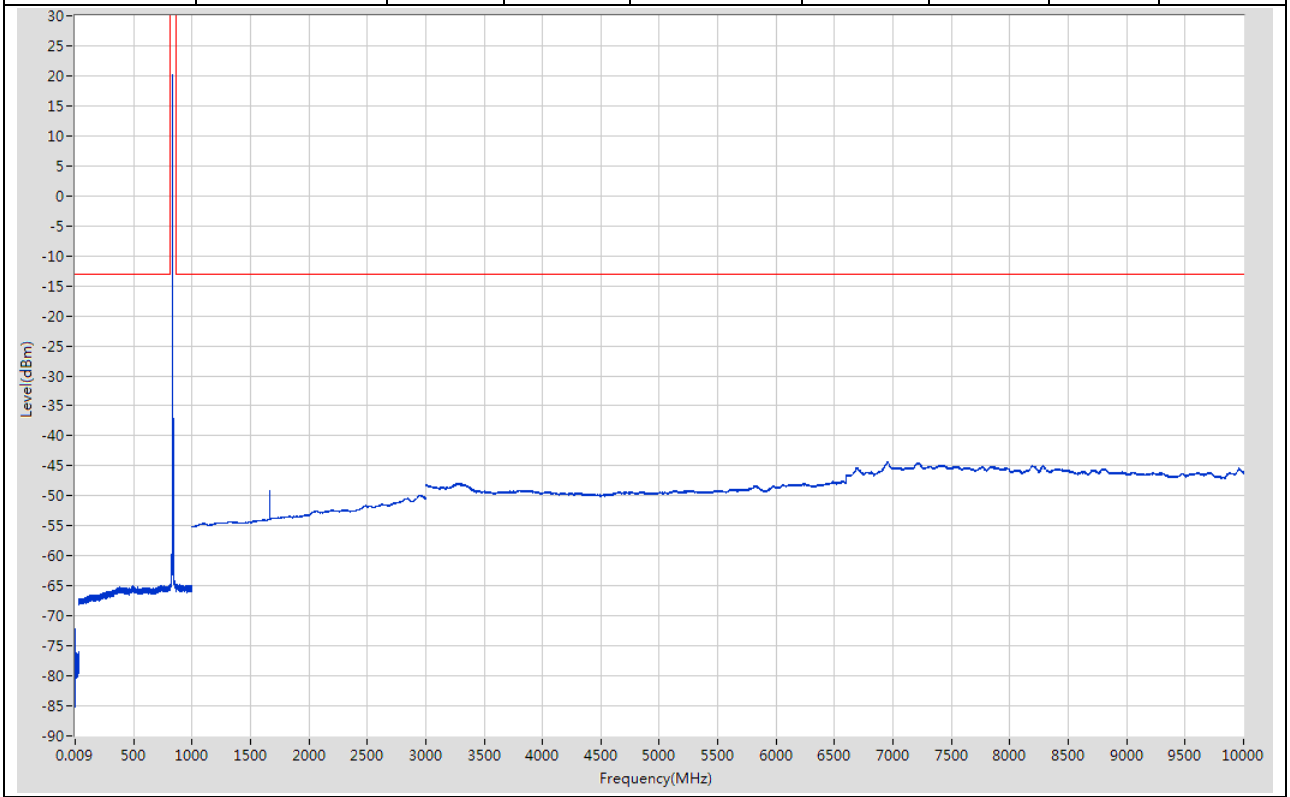
## 10.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:20425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.29 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.83 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.6 | -63.99 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.322 | 19.95 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 865.204 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -48.84 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.32 | -13 | Pass | 7000 |



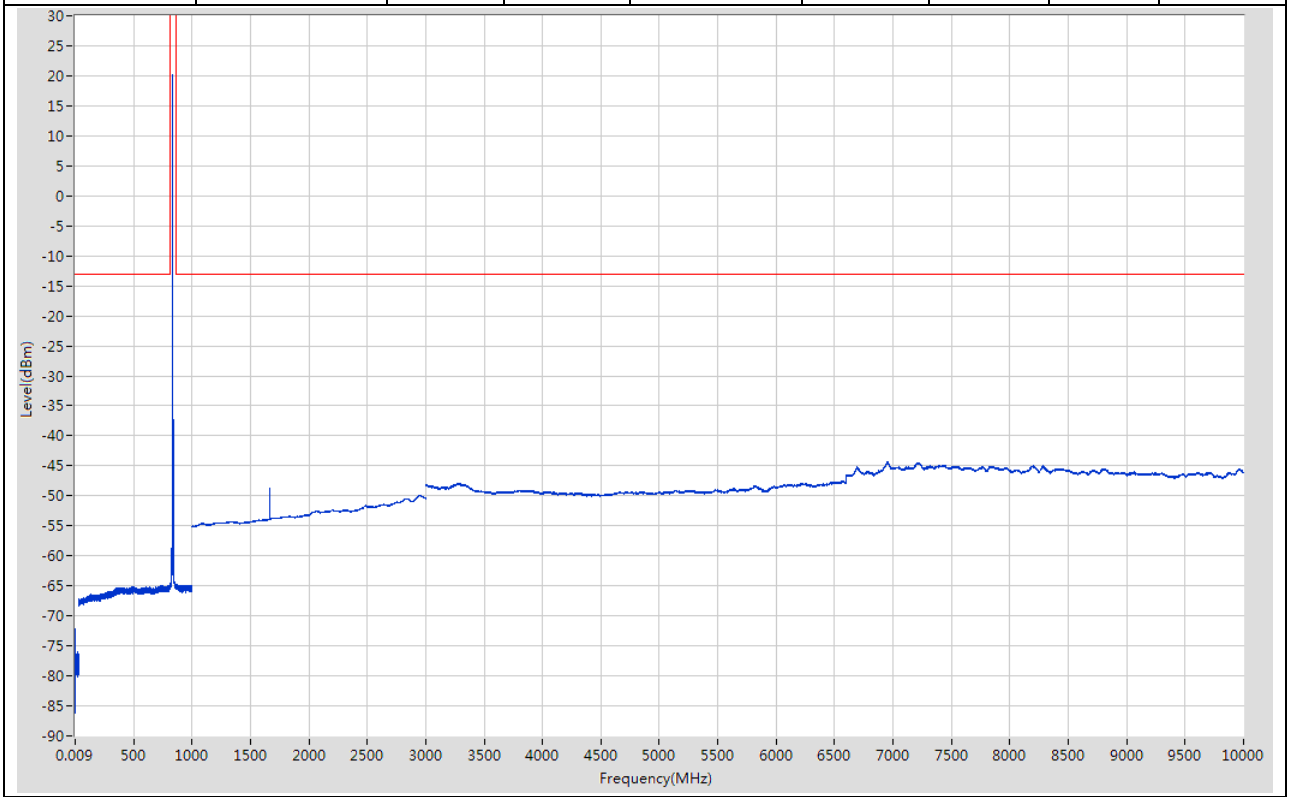
## 10.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:20525, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.32 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.18 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.7 | -64.68 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.344 | 20.13 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.2 | -64.82 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1668.334 | -49.05 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.36 | -13 | Pass | 7000 |



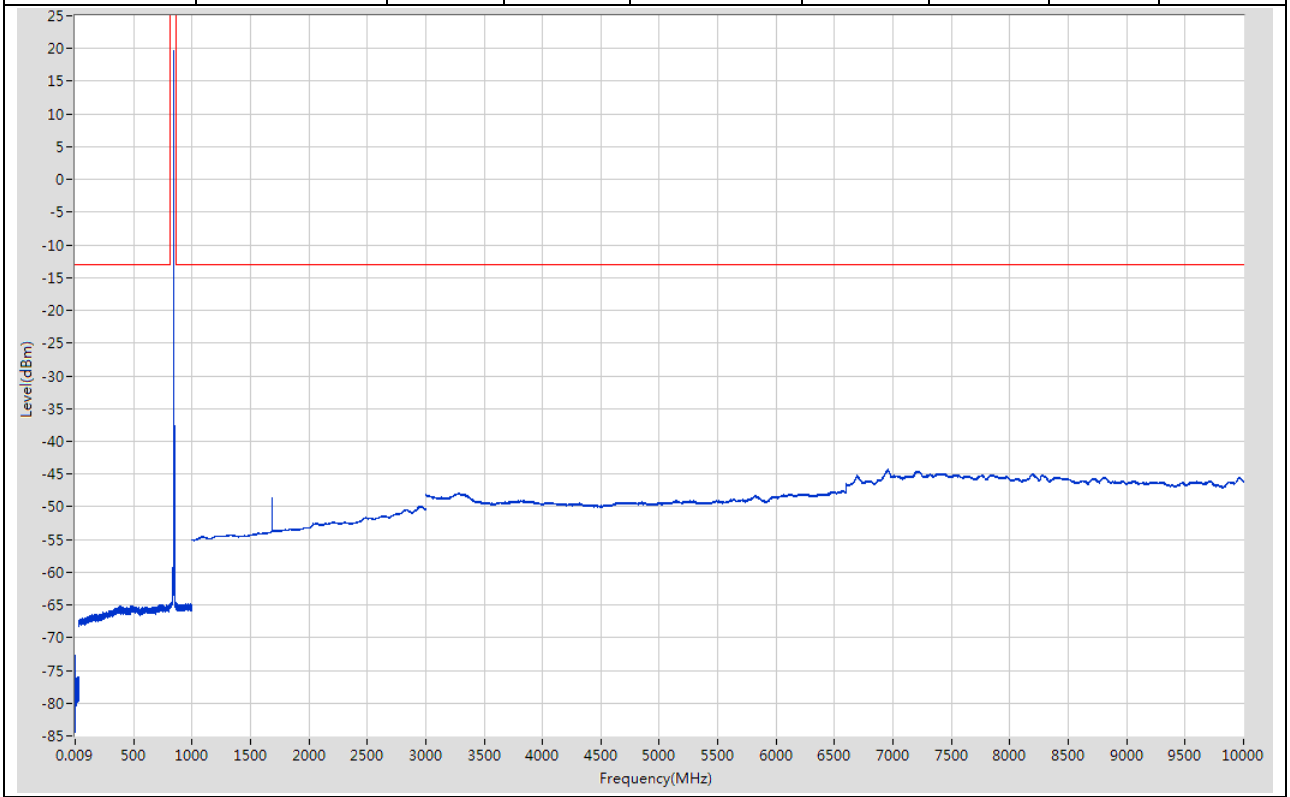
## 10.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:20525, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.29 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.4 | -64.63 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.344 | 20.26 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 864.403 | -64.68 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1668.334 | -48.65 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.31 | -13 | Pass | 7000 |



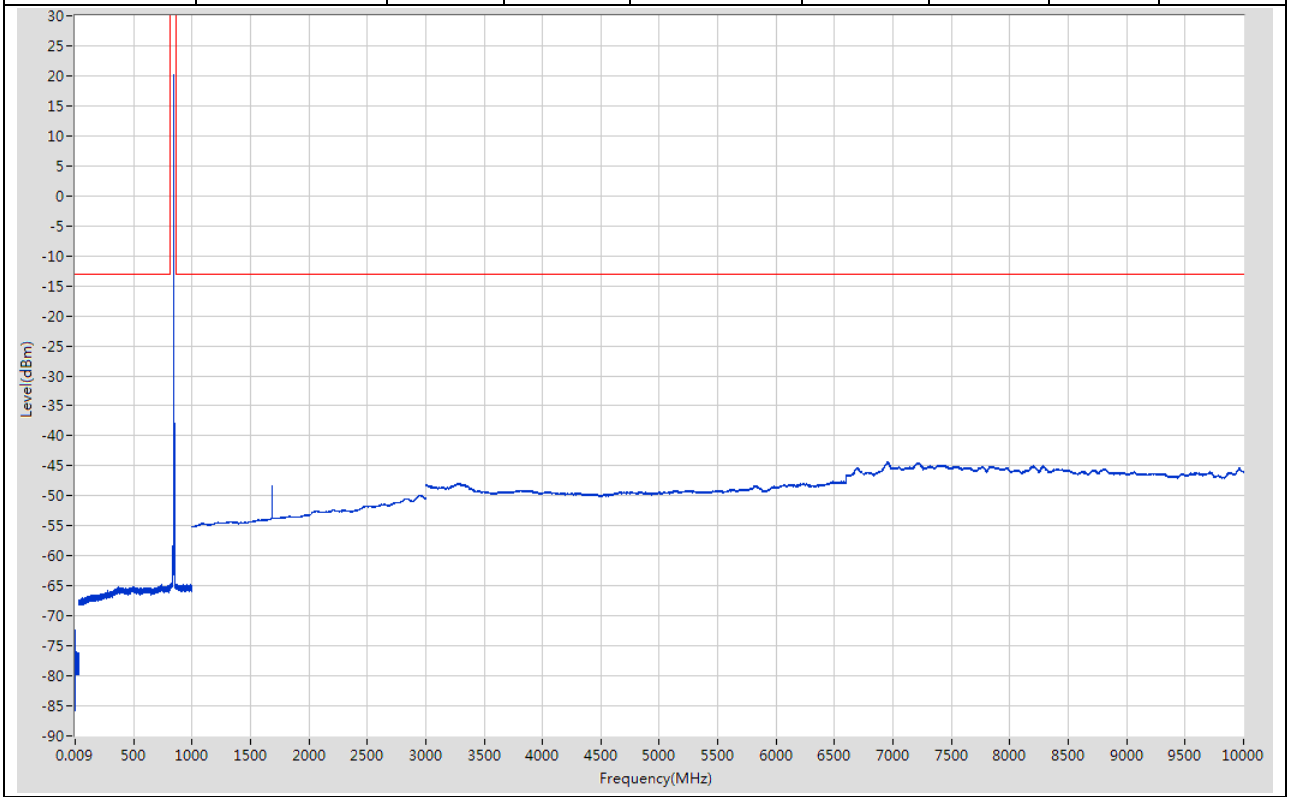
## 10.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:20625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.45 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.65 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 811.7 | -64.8 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 844.366 | 19.73 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 863.703 | -64.64 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1688.344 | -48.67 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.32 | -13 | Pass | 7000 |



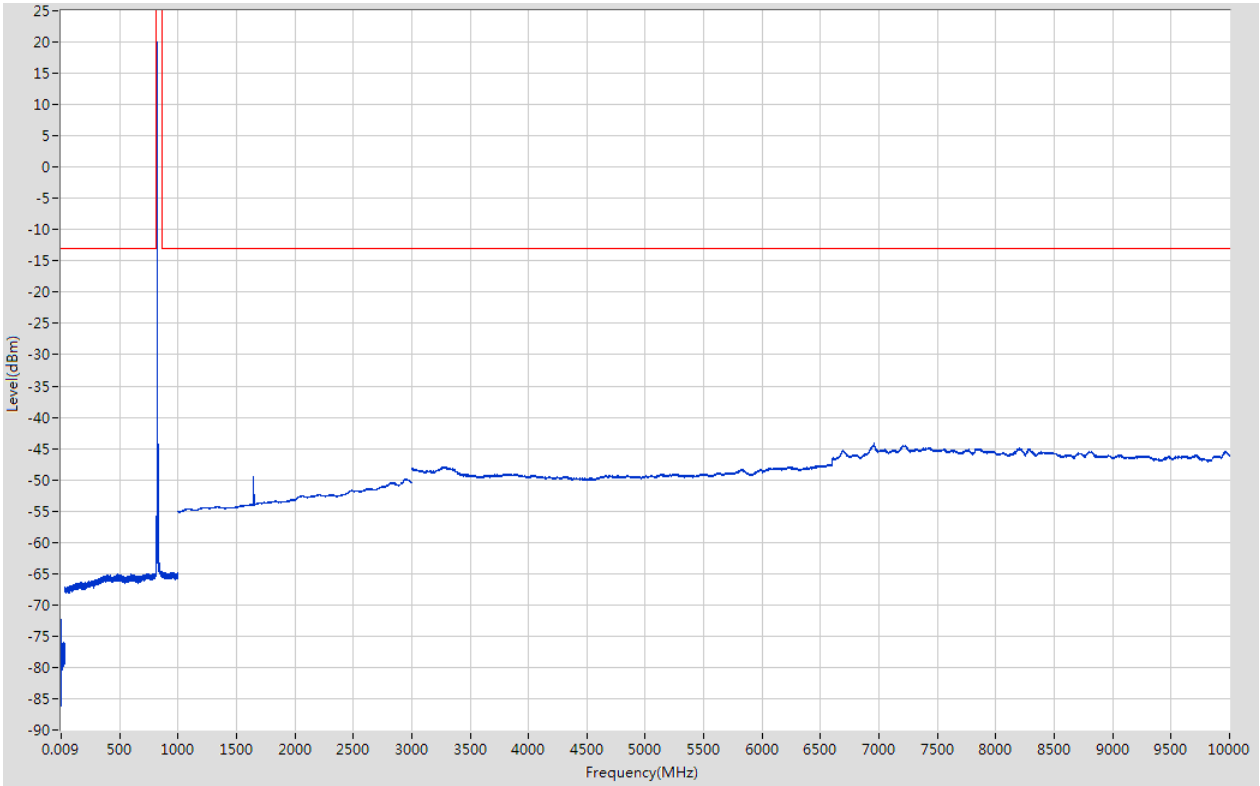
## 10.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:20625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.2 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.34 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.7 | -64.78 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 844.366 | 20.15 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 865.604 | -64.7 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1688.344 | -48.24 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.28 | -13 | Pass | 7000 |



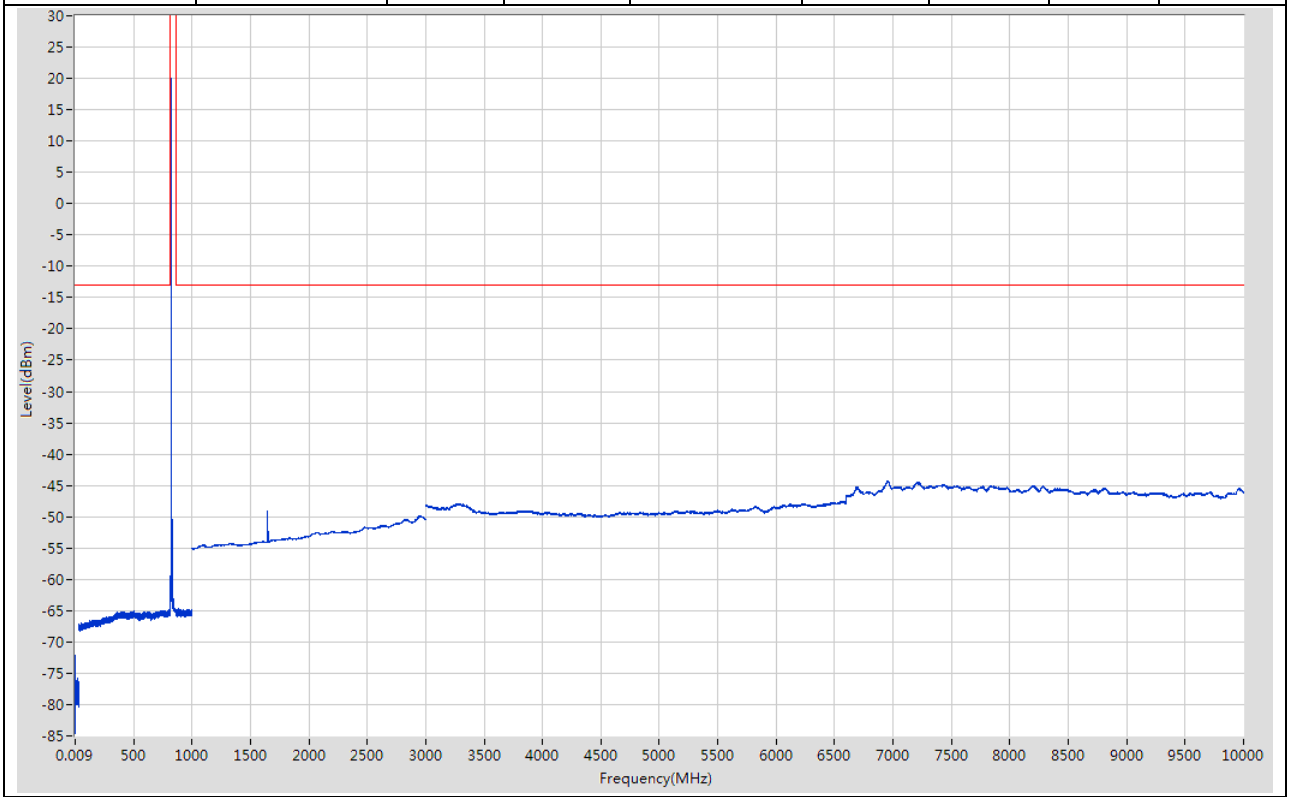
## 10.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:20450, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.27 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.33 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -63.87 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.623 | 19.94 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.901 | -64.74 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.4 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.16 | -13 | Pass | 7000 |



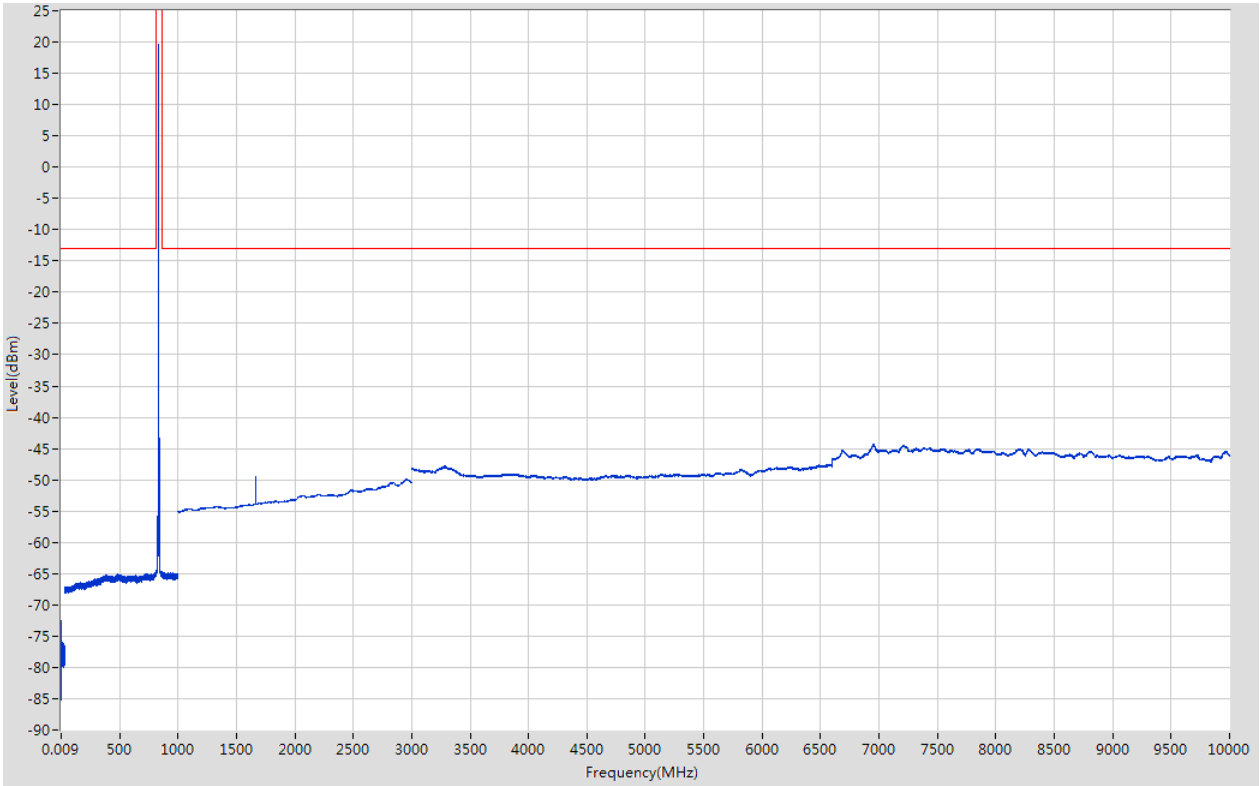
## 10.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:20450, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -74.16 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.11 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -64.12 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.623 | 20.01 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 883.217 | -64.74 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.01 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.26 | -13 | Pass | 7000 |



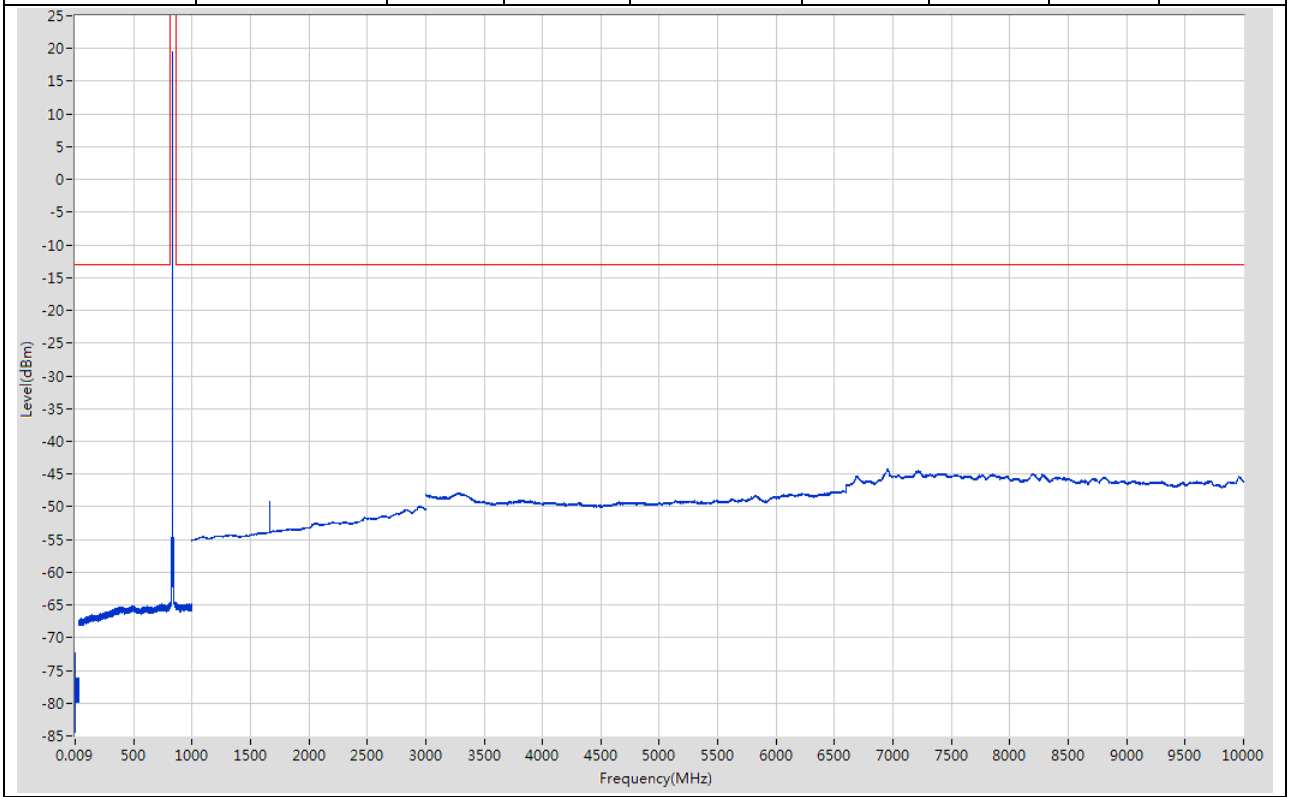
## 10.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:20525, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.015 | -74.56 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.48 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 811.9 | -64.46 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 832.139 | 19.56 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 863.002 | -64.75 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1663.332 | -49.53 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6949.564 | -44.34 | -13 | Pass | 7000 |



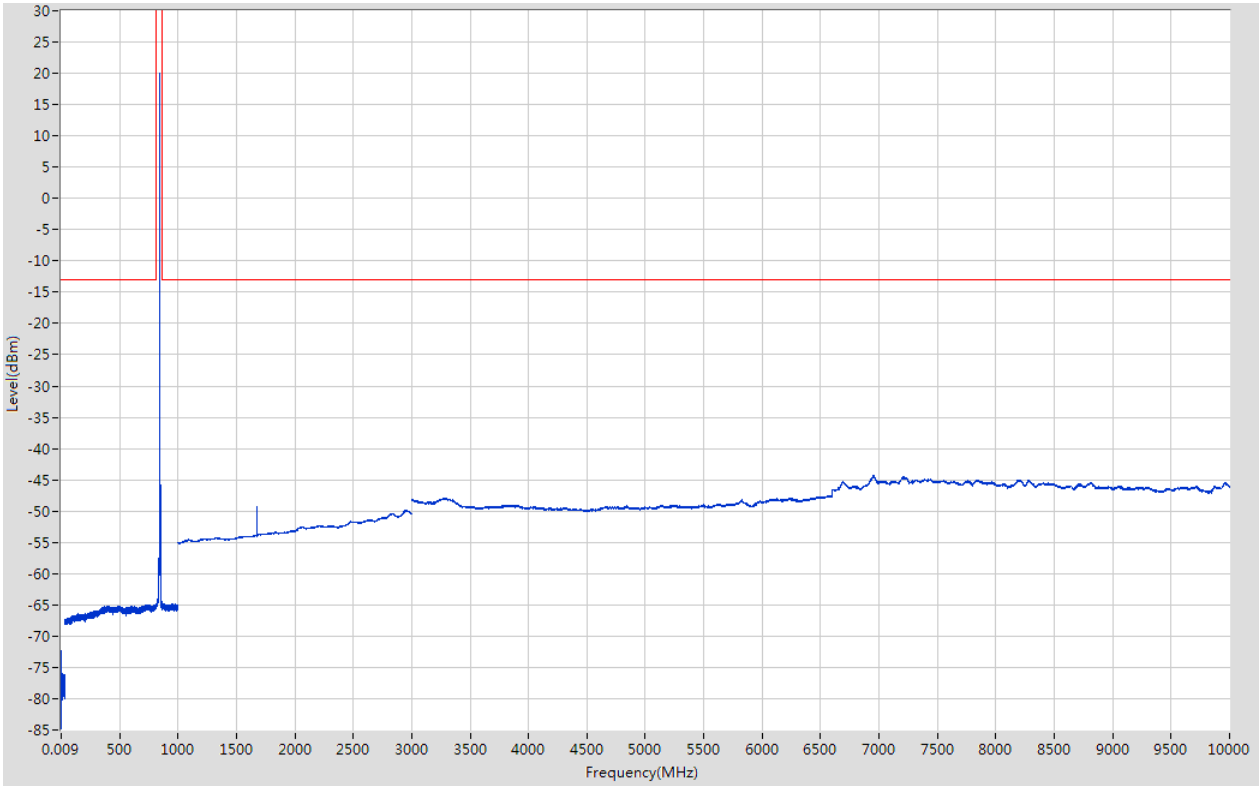
## 10.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:20525, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.57 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.26 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.7 | -64.64 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 832.139 | 19.47 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 864.303 | -64.62 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1663.332 | -49.17 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.23 | -13 | Pass | 7000 |



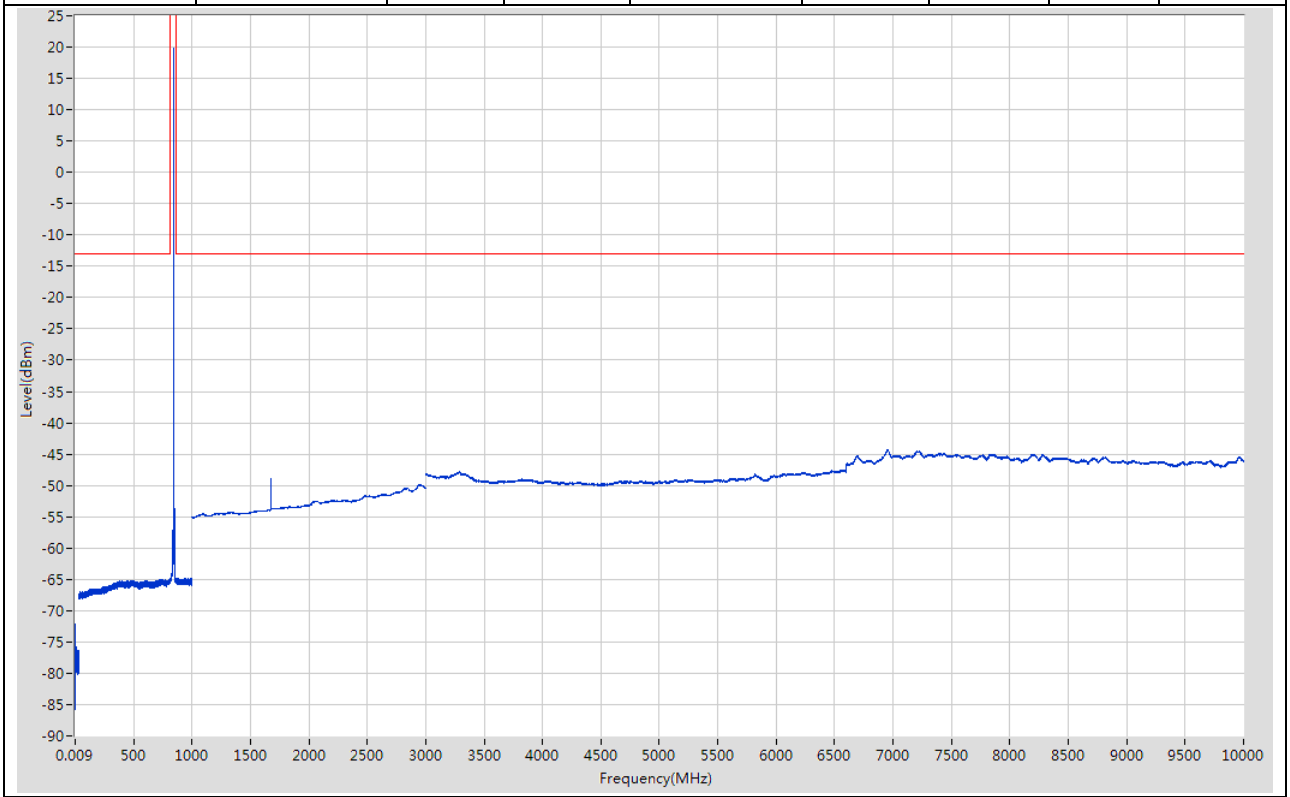
## 10.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:20600, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -74.27 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.38 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.8 | -64.79 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 839.556 | 20.02 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 862.502 | -64.51 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1678.339 | -49.28 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.23 | -13 | Pass | 7000 |



## 10.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:20600, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

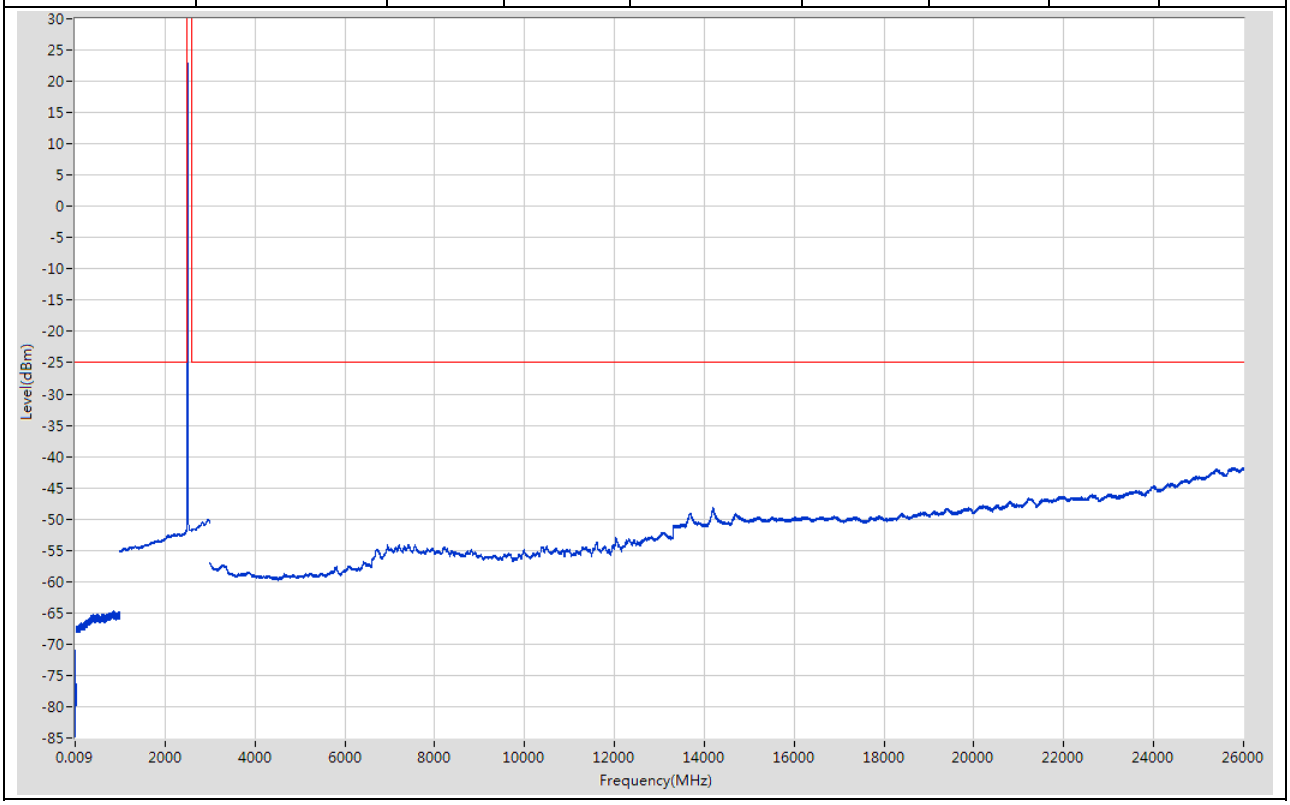
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.47 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.14 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 810.9 | -64.82 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 839.556 | 19.86 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 866.305 | -64.77 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1678.339 | -48.86 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.34 | -13 | Pass | 7000 |



# 11. LTE_Band7

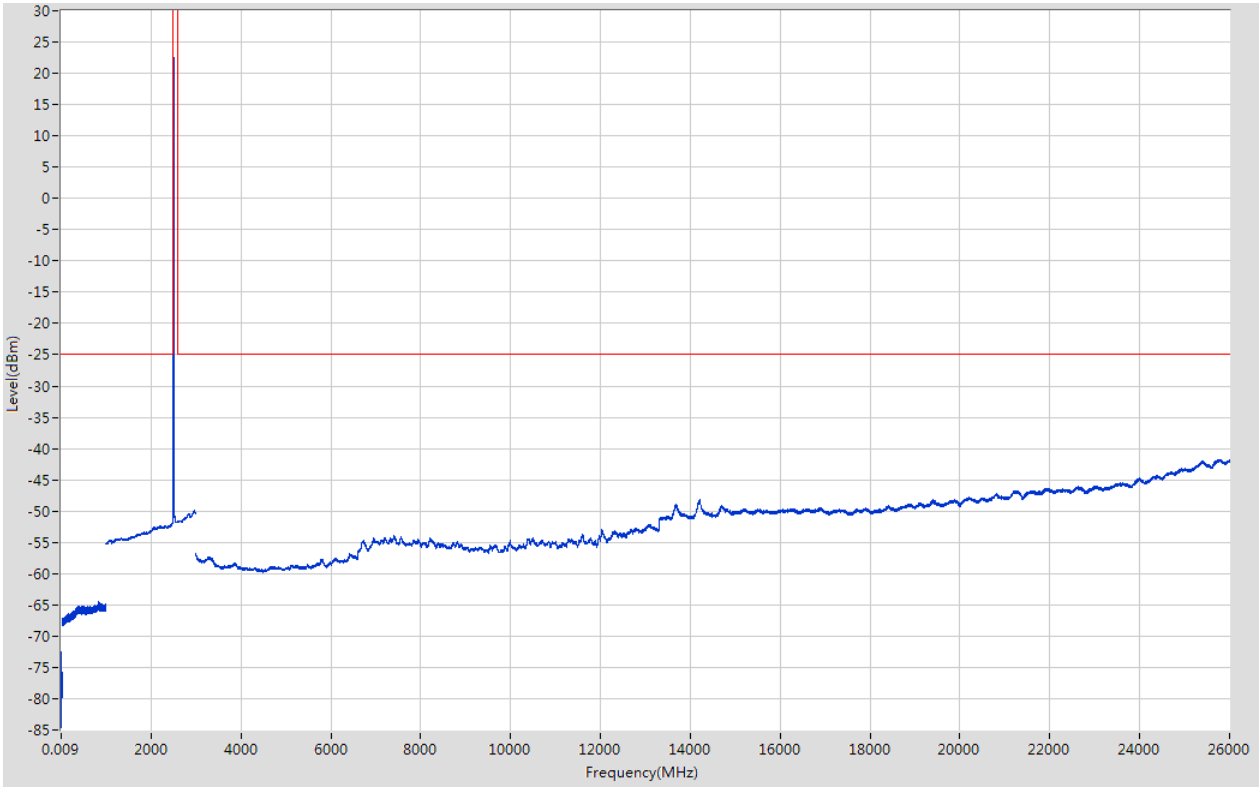
## 11.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:20775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.8 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.06 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.101 | -64.63 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.67 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.075 | 22.84 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.71 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25785.963 | -41.72 | -25 | Pass | 14000 |



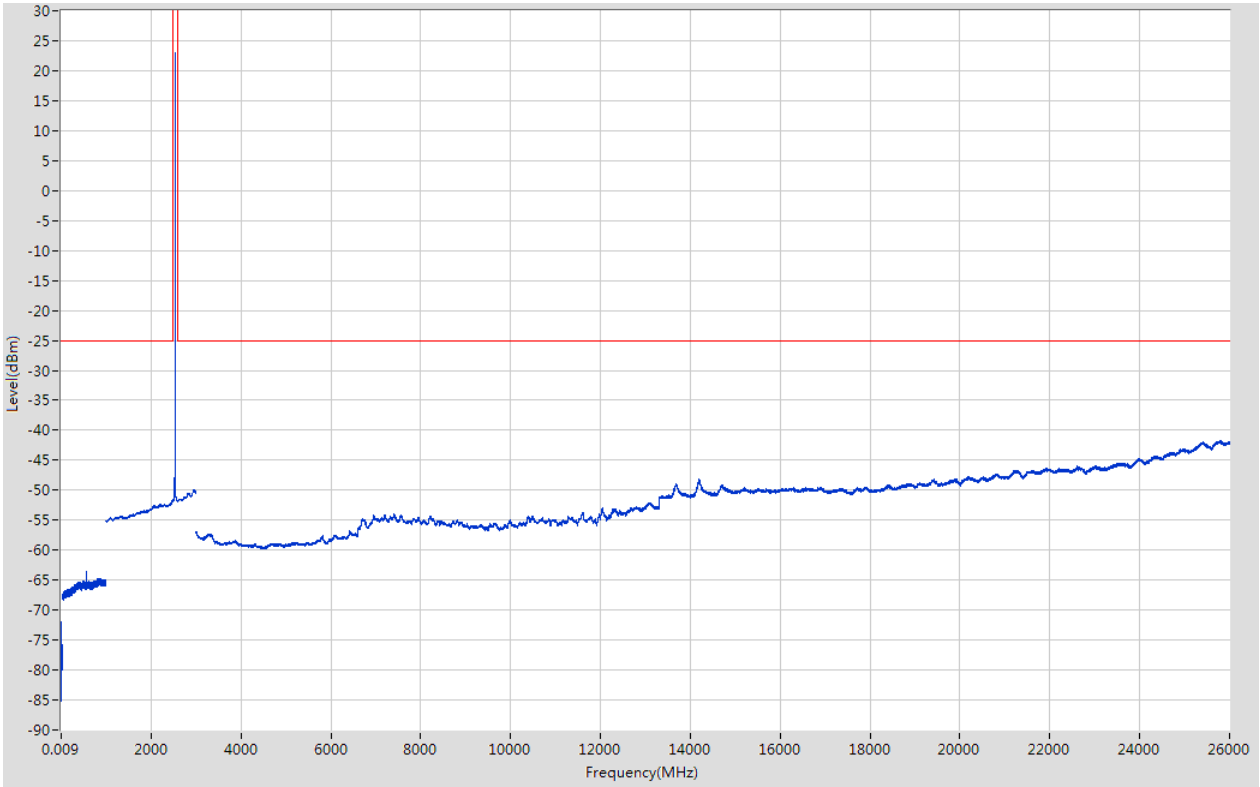
## 11.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:20775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.01 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.6 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.398 | -64.55 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.61 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.075 | 22.43 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -53.64 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25758.958 | -41.74 | -25 | Pass | 14000 |



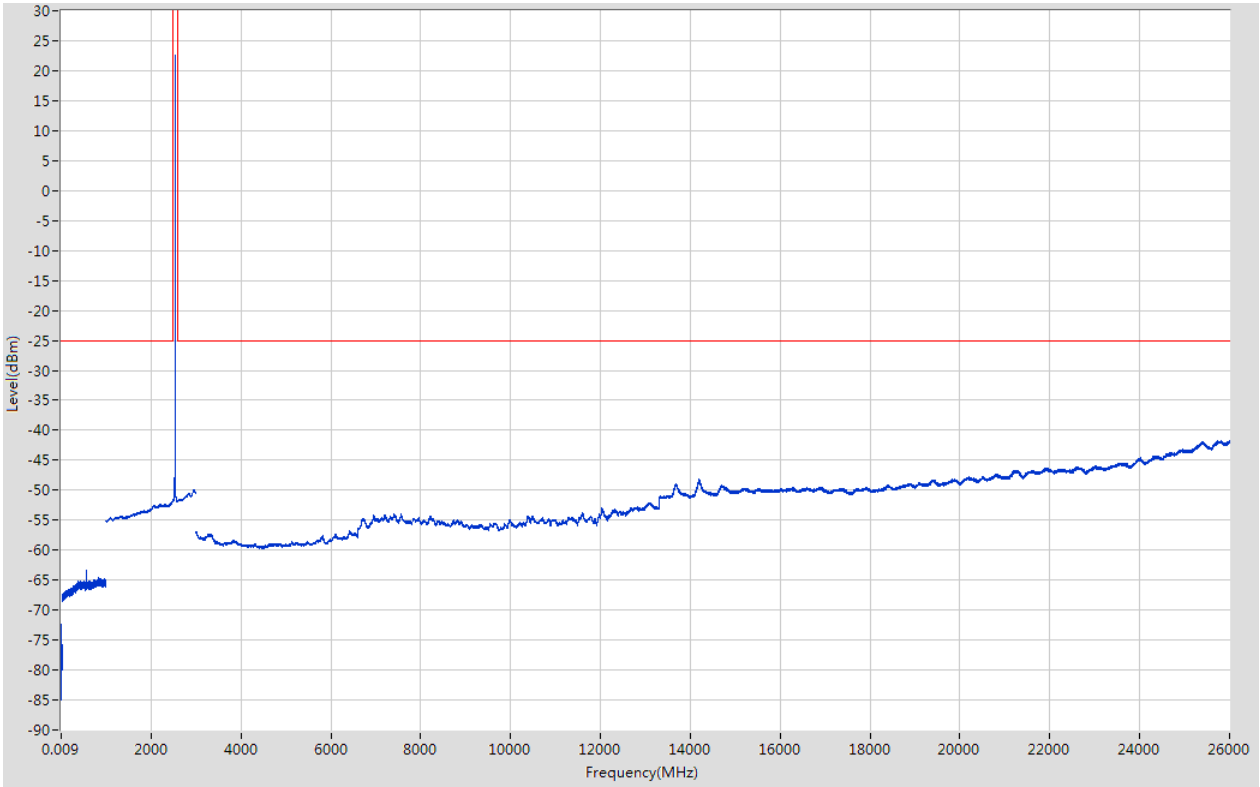
## 11.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:21100, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.18 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.05 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 572.166 | -63.61 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.7 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2532.8 | 22.91 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.98 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.7 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25800.966 | -41.78 | -25 | Pass | 14000 |



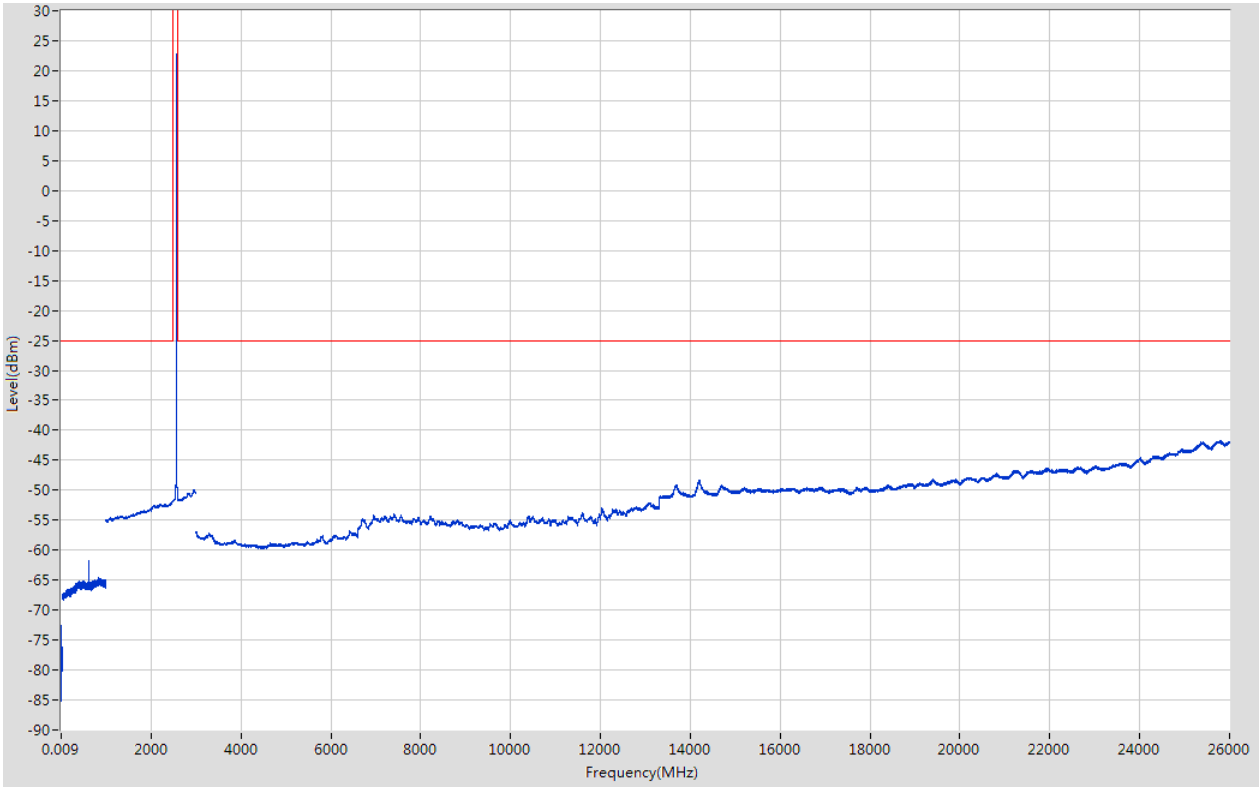
## 11.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:21100, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.32 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.29 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 572.166 | -63.44 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2476.998 | -51.72 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2532.8 | 22.67 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2946.87 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11599.504 | -53.75 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25992.999 | -41.76 | -25 | Pass | 14000 |



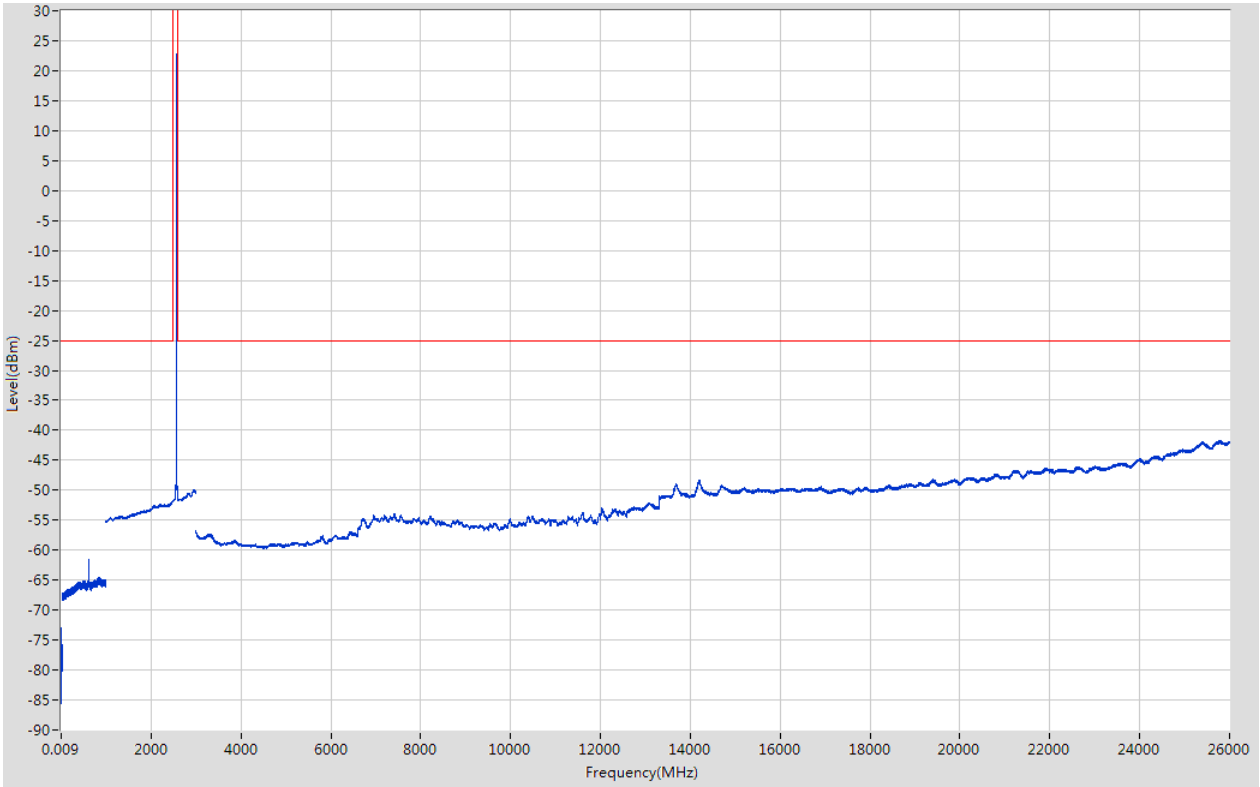
## 11.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:21425, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.67 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.59 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 604.67 | -61.77 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2475.997 | -51.68 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2565.25 | 22.86 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2948.875 | -49.99 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11600.506 | -53.76 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25817.969 | -41.8 | -25 | Pass | 14000 |



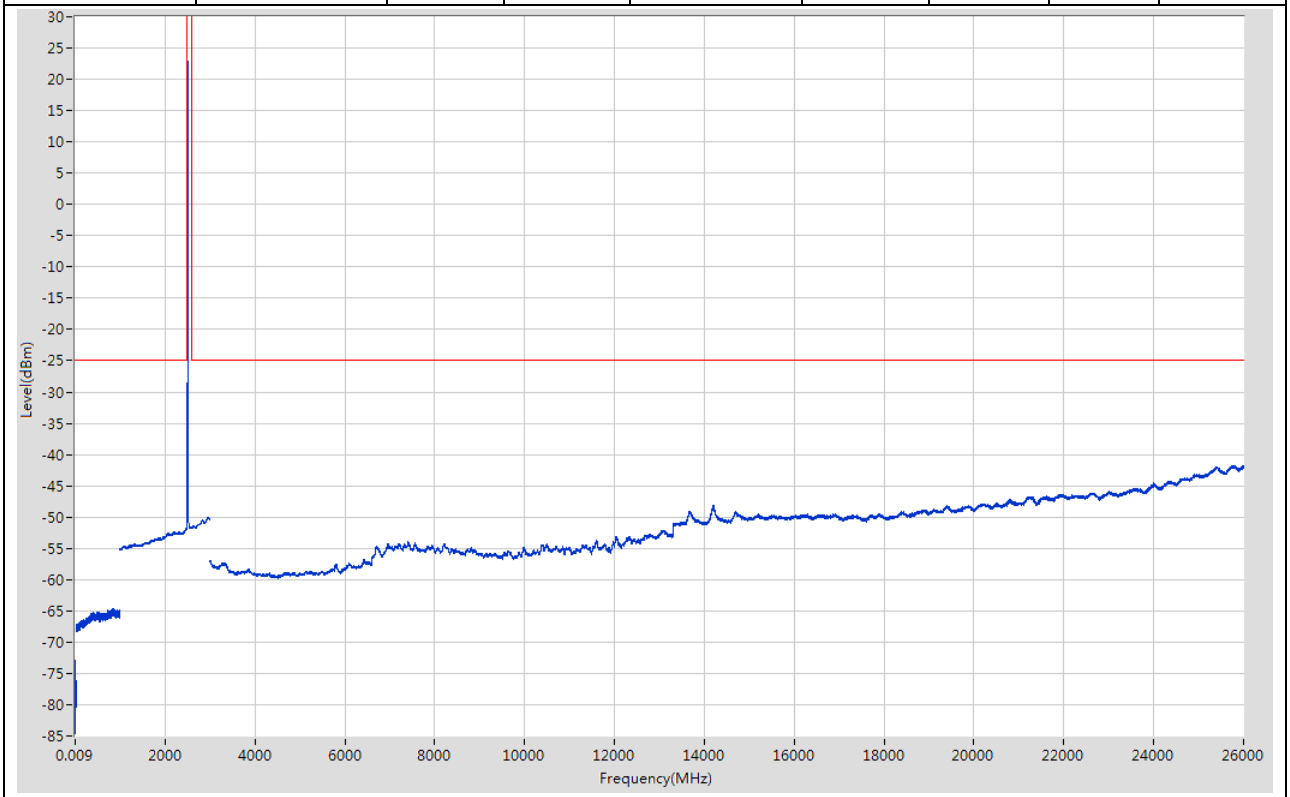
## 11.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:21425, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -75.21 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.32 | -72.95 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 604.67 | -61.56 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.72 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2565.25 | 22.7 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11605.512 | -53.75 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25789.964 | -41.79 | -25 | Pass | 14000 |



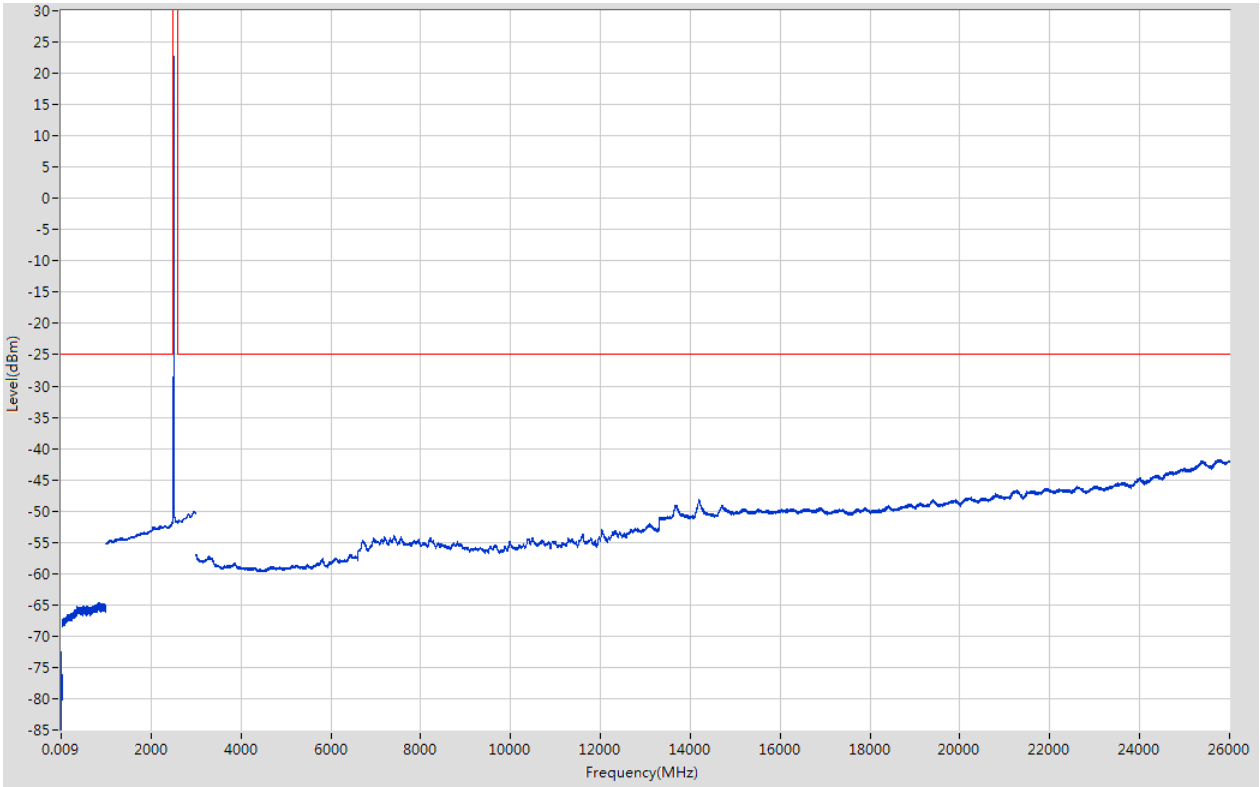
## 11.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:20800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.91 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.96 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 865.822 | -64.61 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2476.998 | -51.71 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.35 | 22.85 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2953.888 | -49.98 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.76 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25771.961 | -41.71 | -25 | Pass | 14000 |



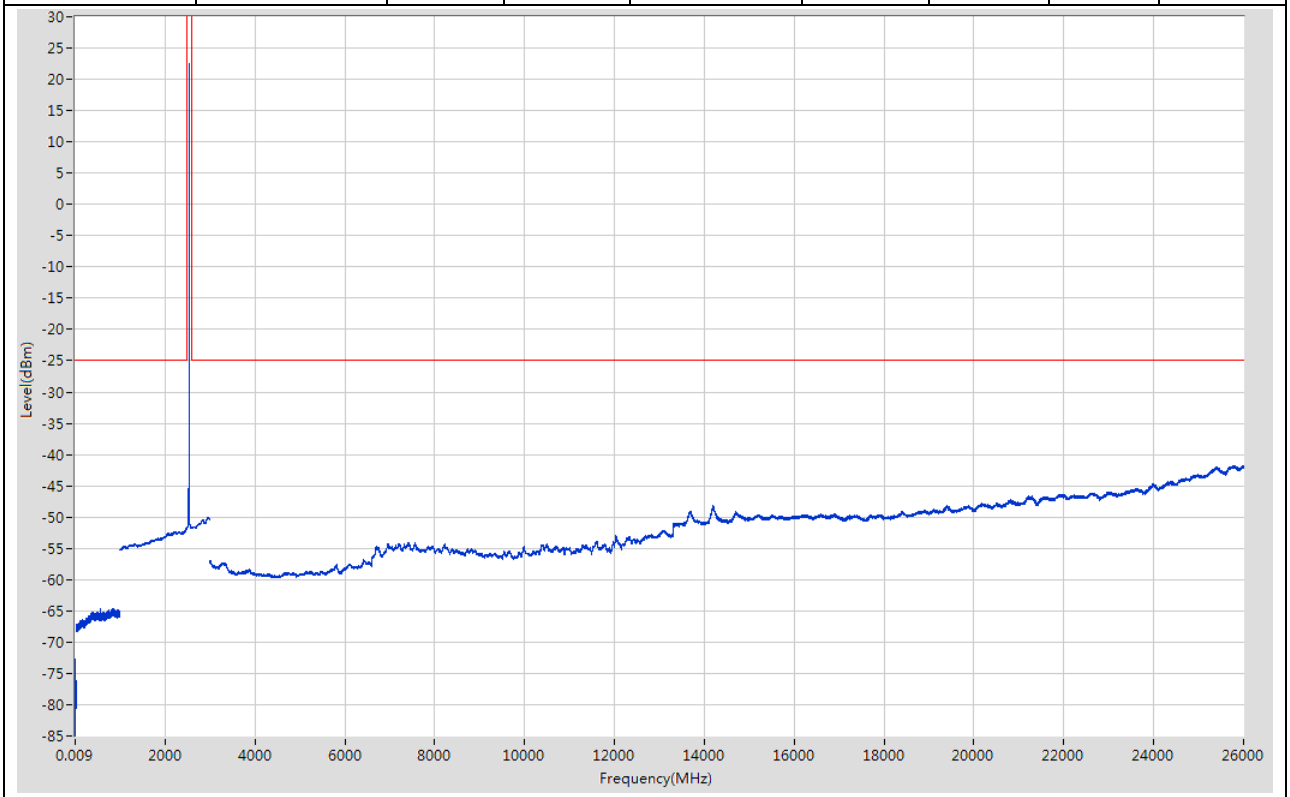
## 11.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:20800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.97 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.53 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 835.598 | -64.64 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.76 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.35 | 22.64 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2951.883 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.78 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25789.964 | -41.75 | -25 | Pass | 14000 |



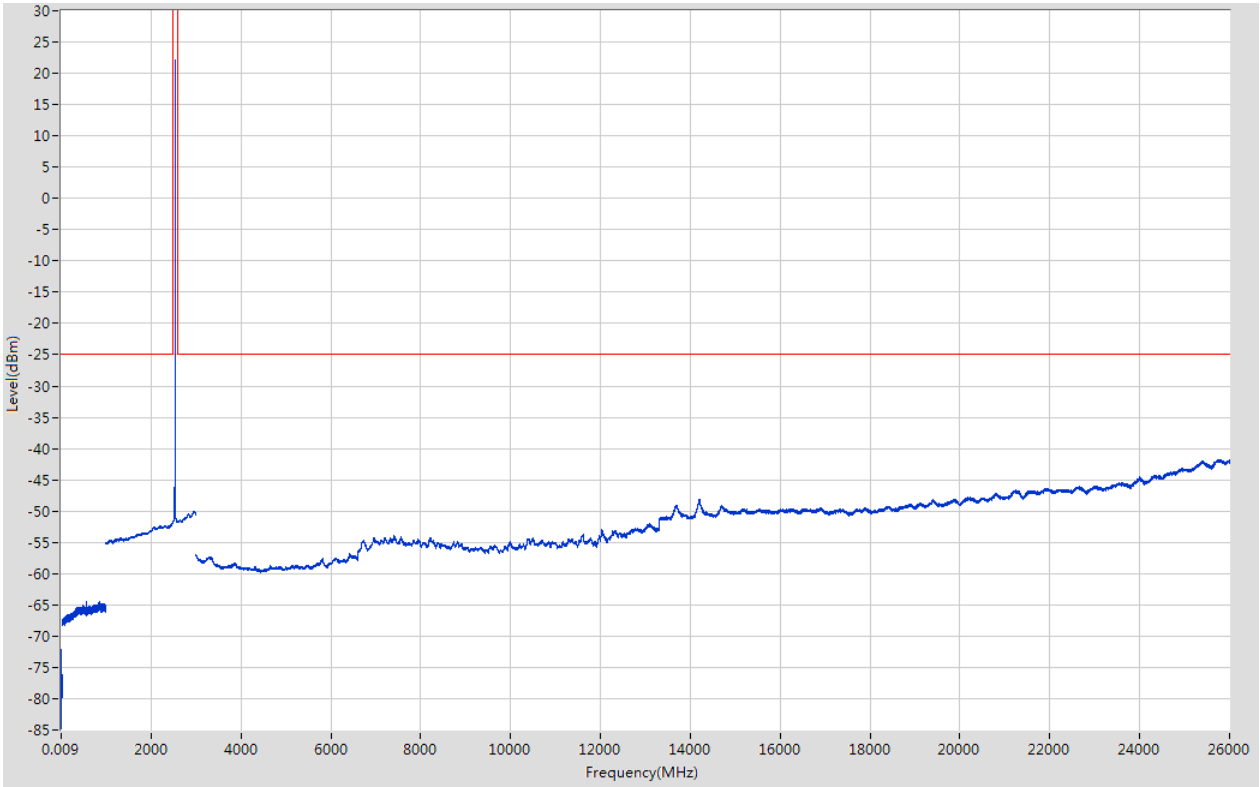
## 11.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:21100, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.12 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.74 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 569.866 | -64.58 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.75 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2530.325 | 22.43 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.98 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11612.52 | -53.83 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25795.965 | -41.78 | -25 | Pass | 14000 |



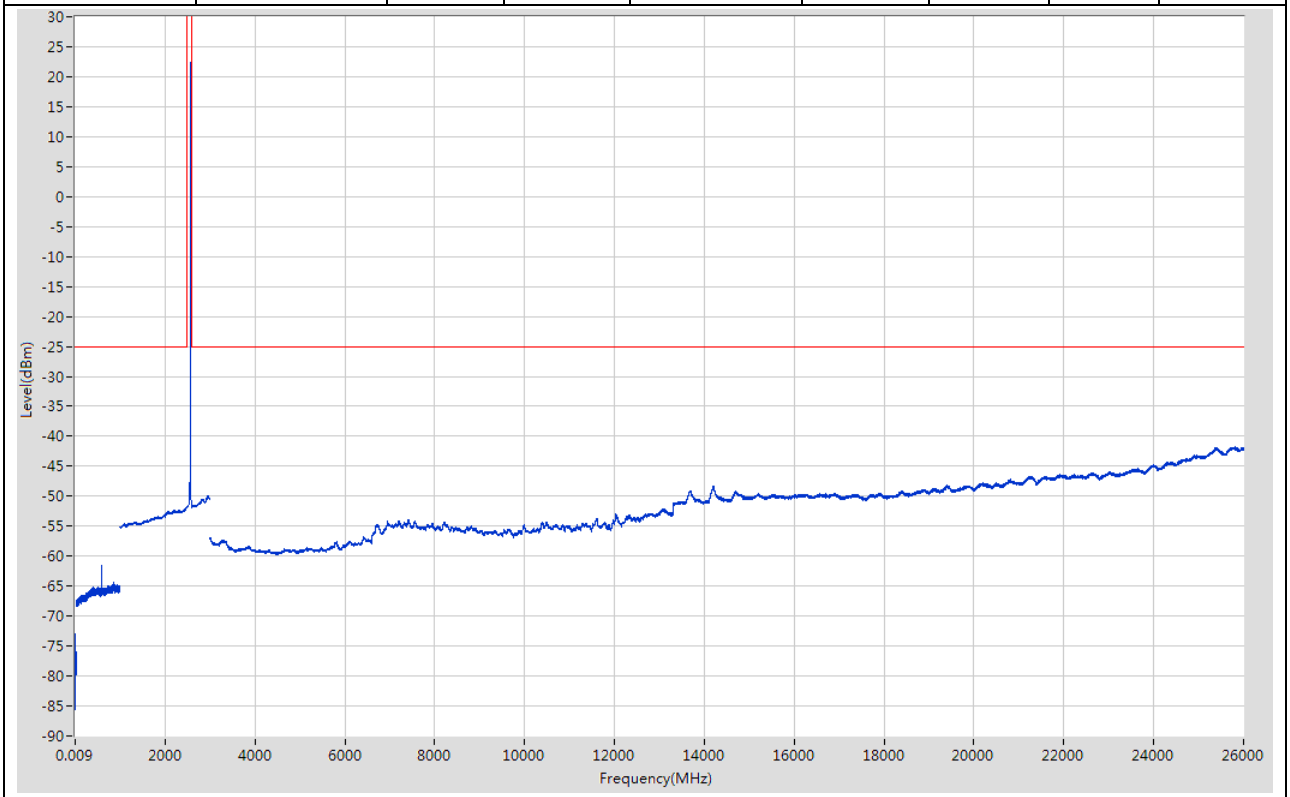
## 11.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:21100, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.91 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.06 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 569.866 | -64.37 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2474.997 | -51.71 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2530.325 | 22.2 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2947.873 | -49.98 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.77 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25756.958 | -41.73 | -25 | Pass | 14000 |



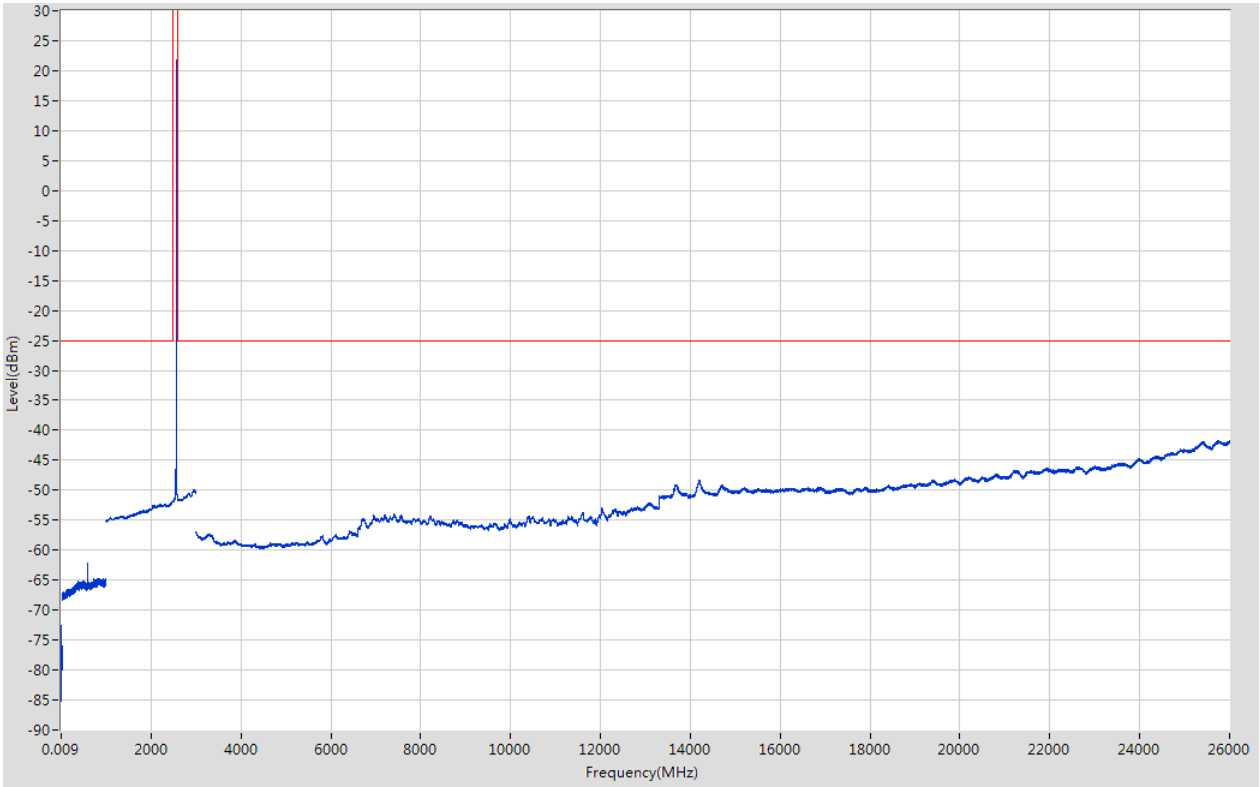
## 11.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:21400, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.23 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.94 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 599.87 | -61.62 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.76 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2560.575 | 22.36 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.8 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25809.967 | -41.79 | -25 | Pass | 14000 |



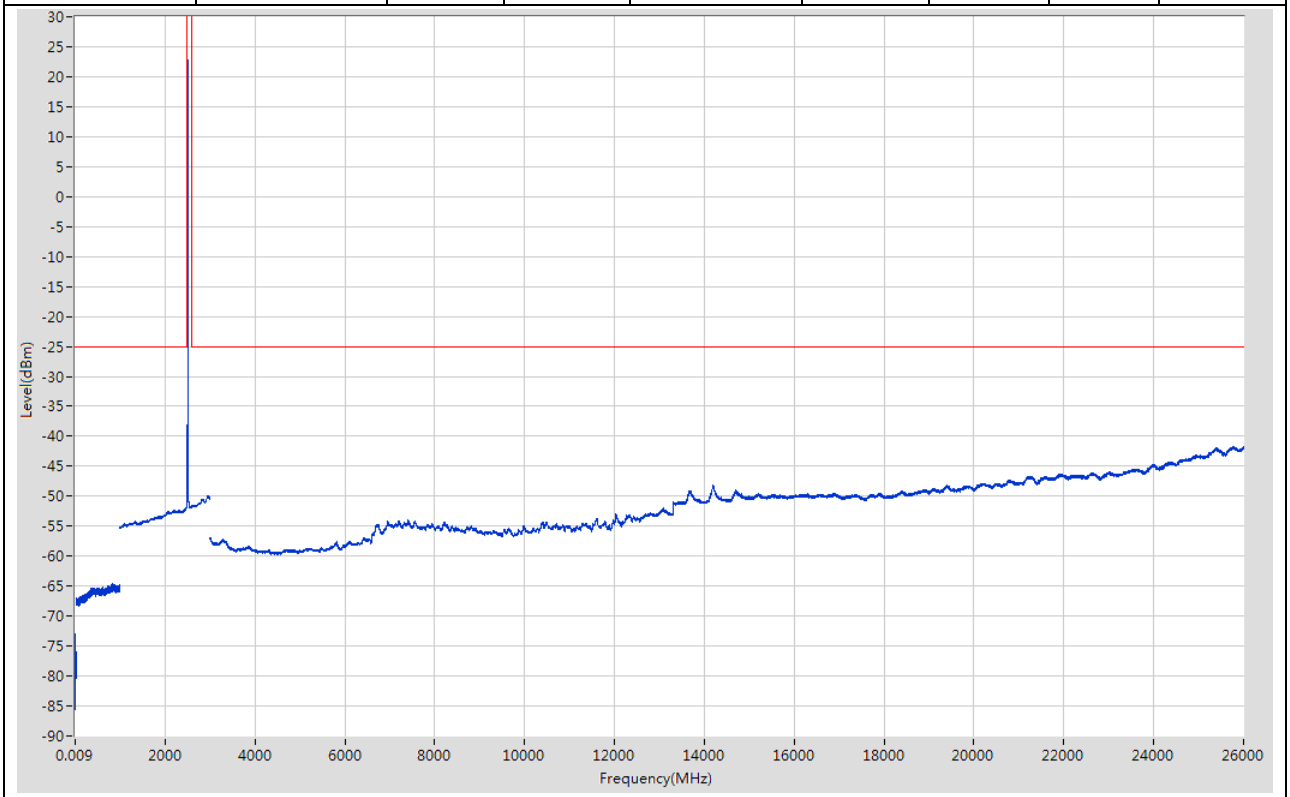
## 11.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:21400, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.79 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.6 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 599.87 | -62.11 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2478.999 | -51.73 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2560.575 | 21.87 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2954.89 | -49.99 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11600.506 | -53.75 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25725.953 | -41.75 | -25 | Pass | 14000 |



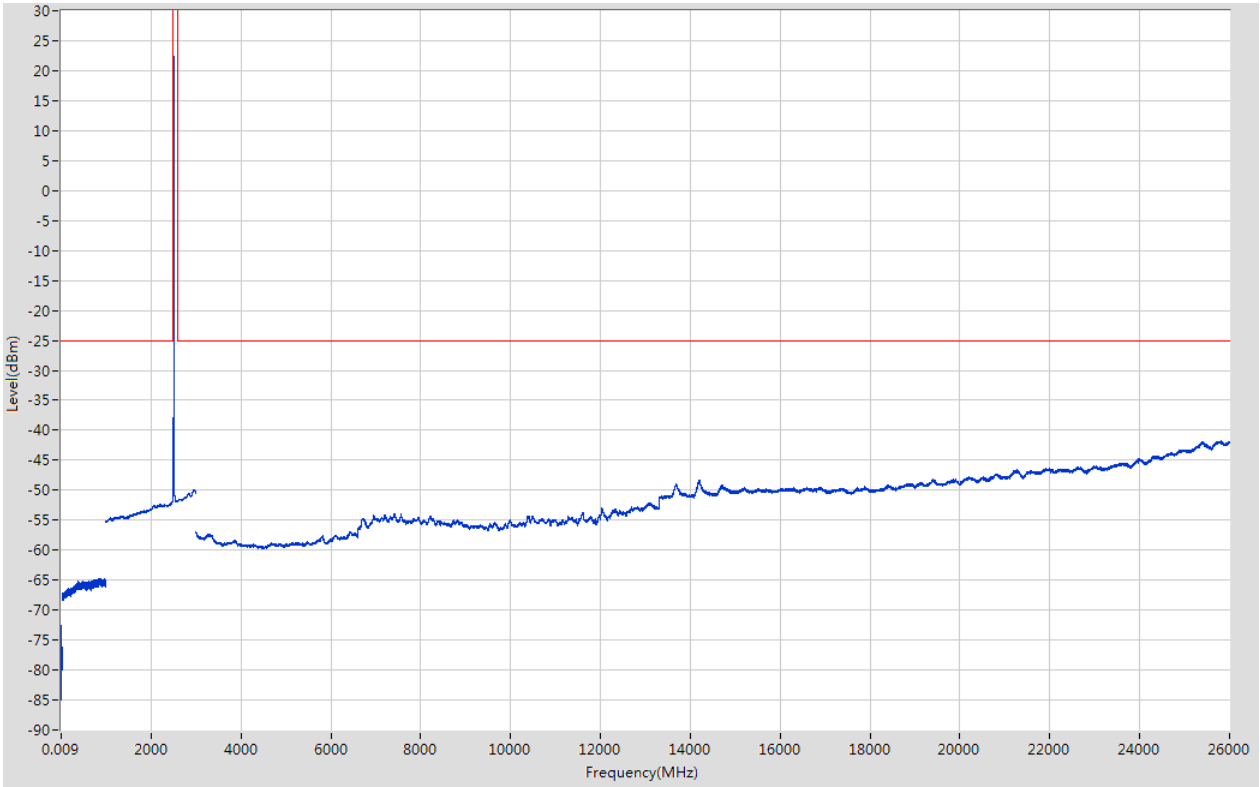
## 11.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:20825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.43 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.96 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.498 | -64.62 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2478.999 | -51.68 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.625 | 22.78 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2954.89 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.75 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25776.962 | -41.75 | -25 | Pass | 14000 |



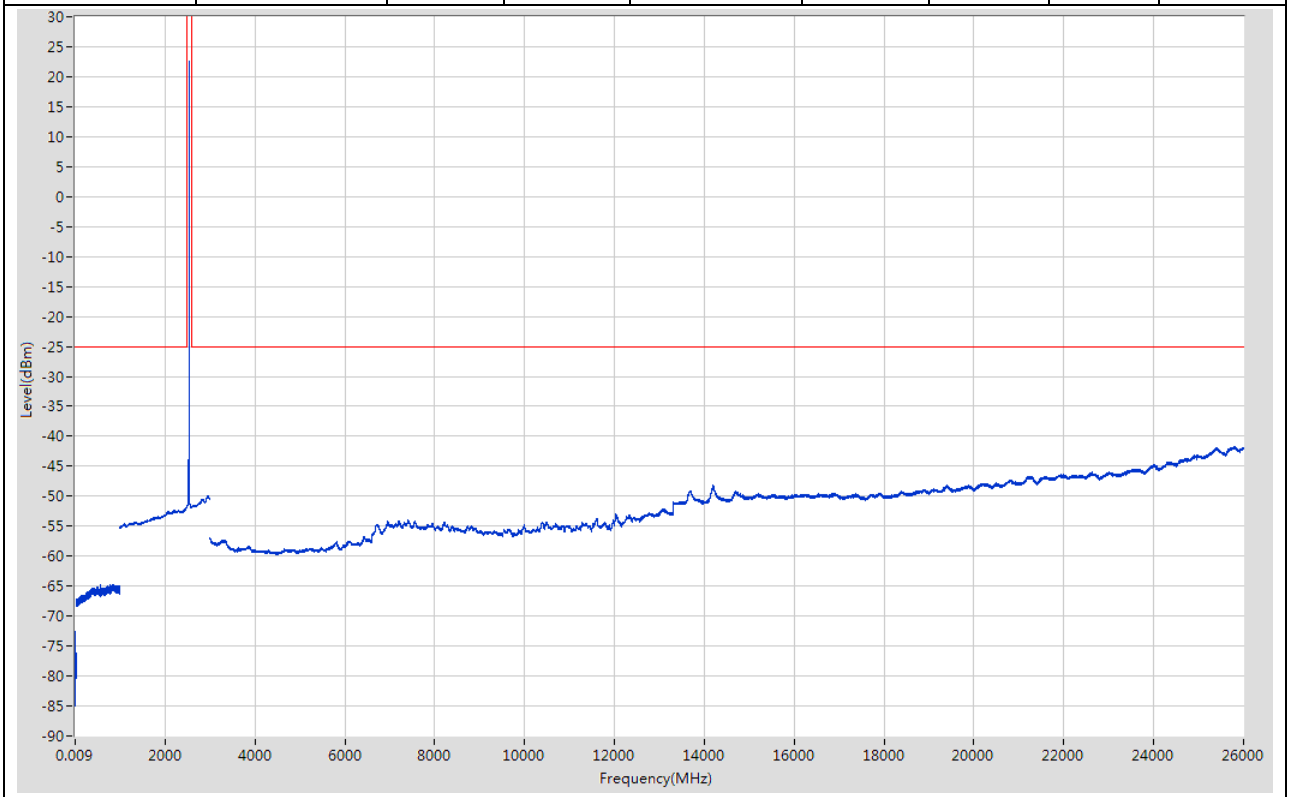
## 11.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:20825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.57 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.63 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 835.798 | -64.69 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2478.999 | -51.73 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.625 | 22.48 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2946.87 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.76 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25801.966 | -41.78 | -25 | Pass | 14000 |



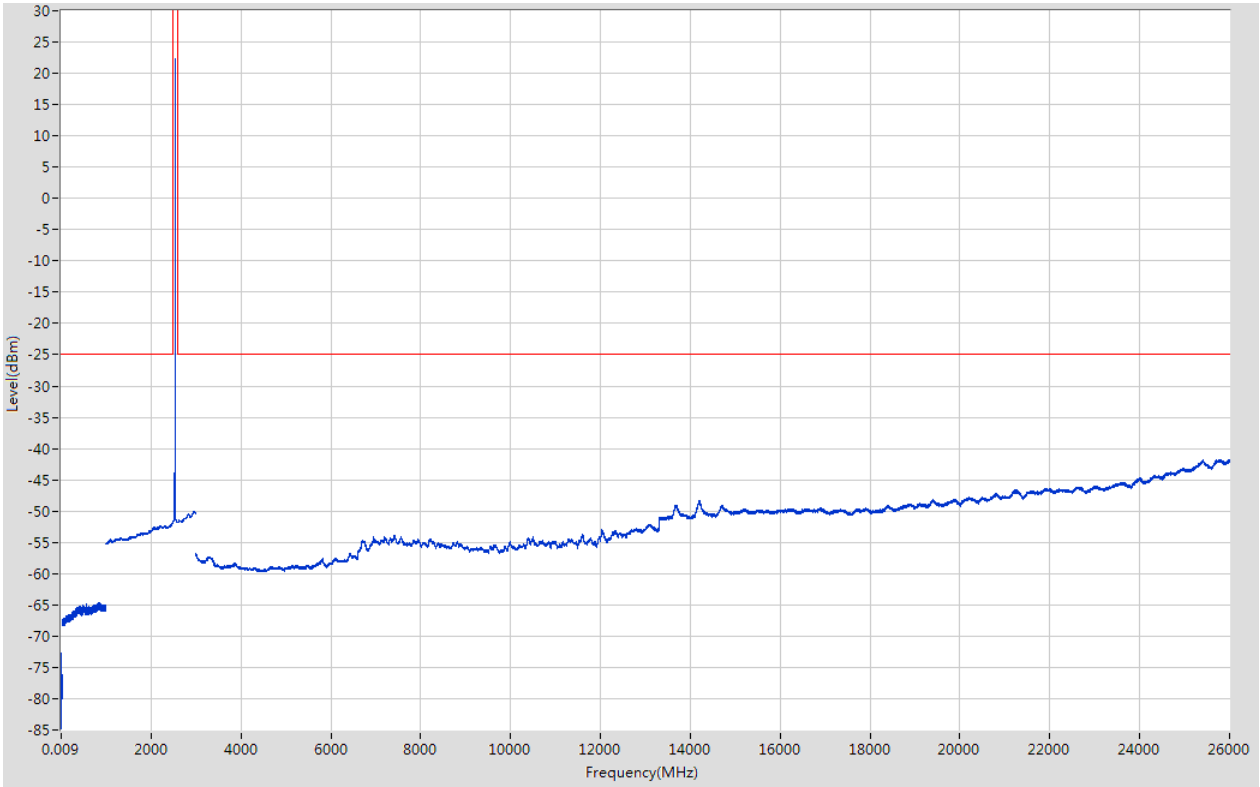
## 11.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:21100, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -73.91 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.58 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 854.908 | -64.69 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2478.999 | -51.75 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2528.125 | 22.65 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2951.883 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.73 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25799.966 | -41.78 | -25 | Pass | 14000 |



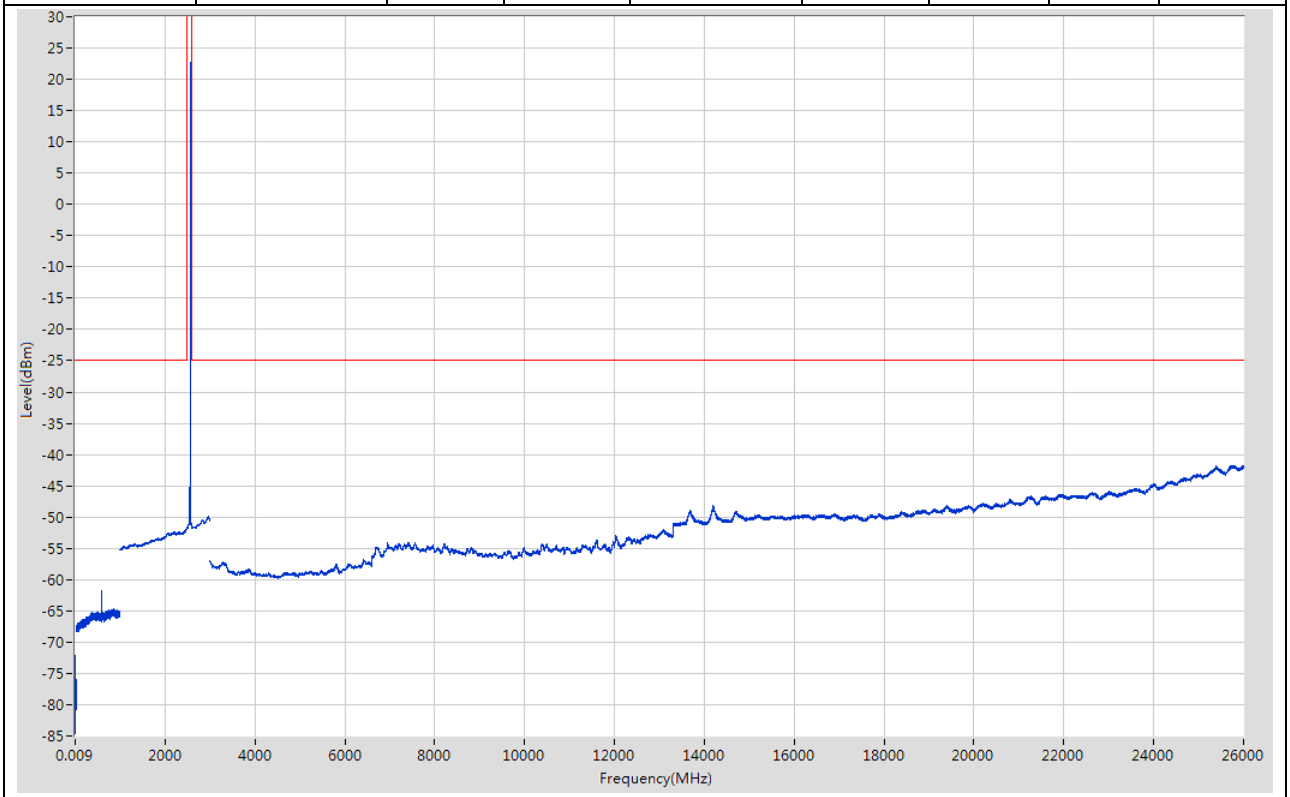
## 11.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:21100, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.7 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.66 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 830.198 | -64.69 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.78 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2528.125 | 22.27 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2949.878 | -49.97 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.76 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25773.961 | -41.78 | -25 | Pass | 14000 |



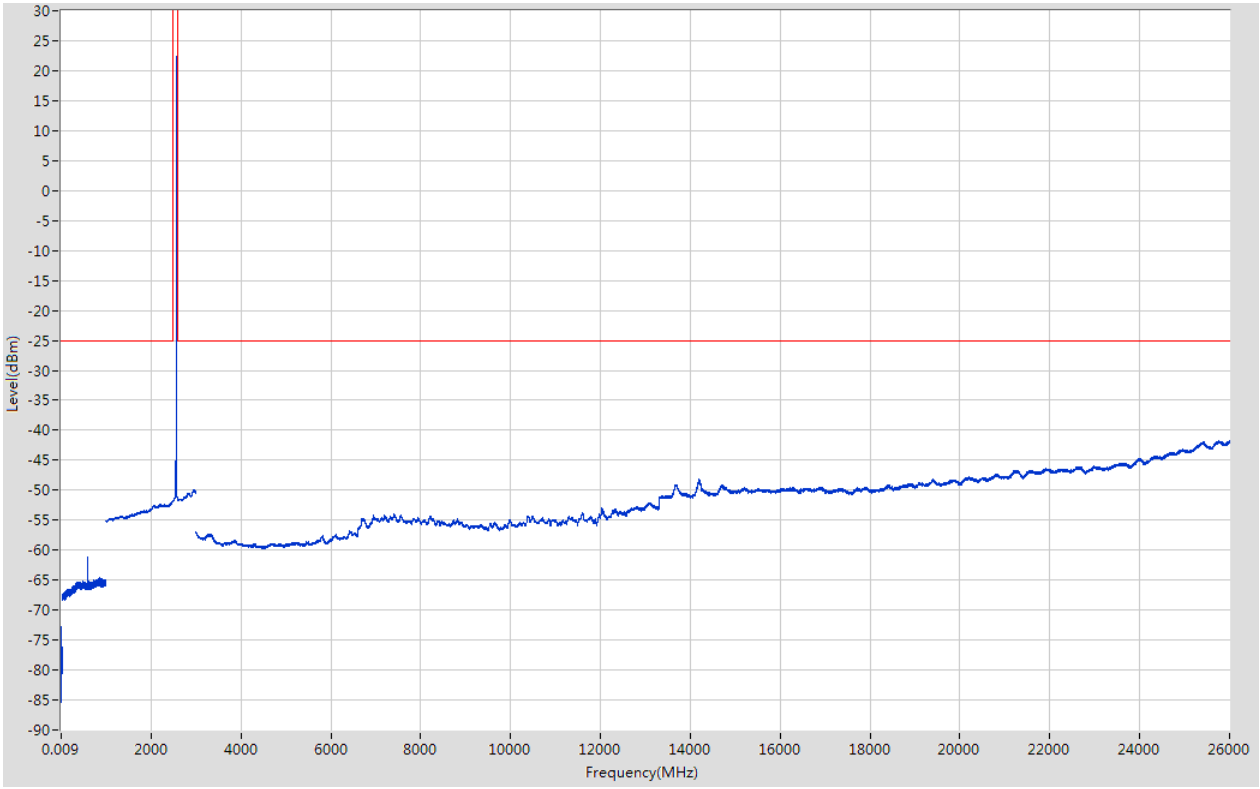
## 11.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:21375, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.46 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.2 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 595.169 | -61.74 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2477.999 | -51.74 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2555.625 | 22.74 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2954.89 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11605.512 | -53.7 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25758.958 | -41.8 | -25 | Pass | 14000 |



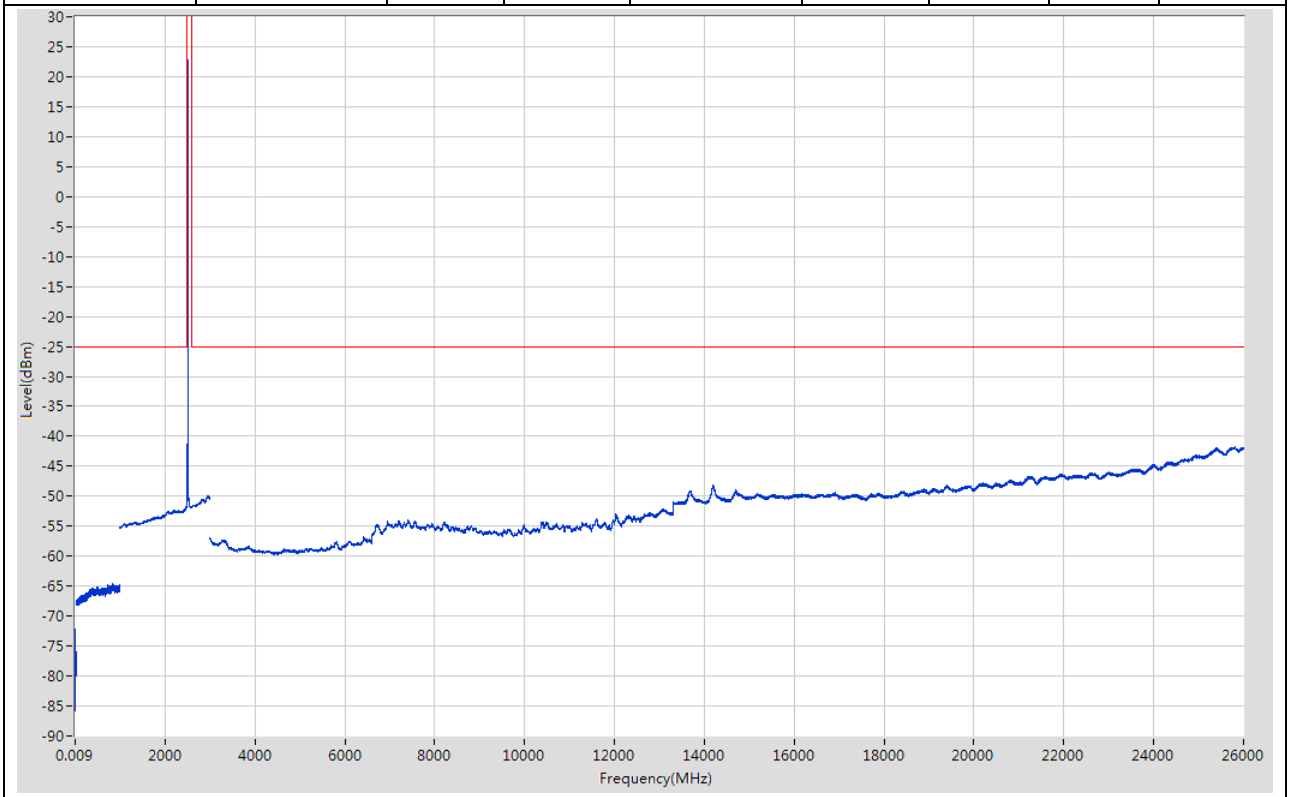
## 11.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:21375, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.18 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.75 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 595.169 | -61.13 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.71 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2555.625 | 22.38 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.94 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.74 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25991.999 | -41.77 | -25 | Pass | 14000 |



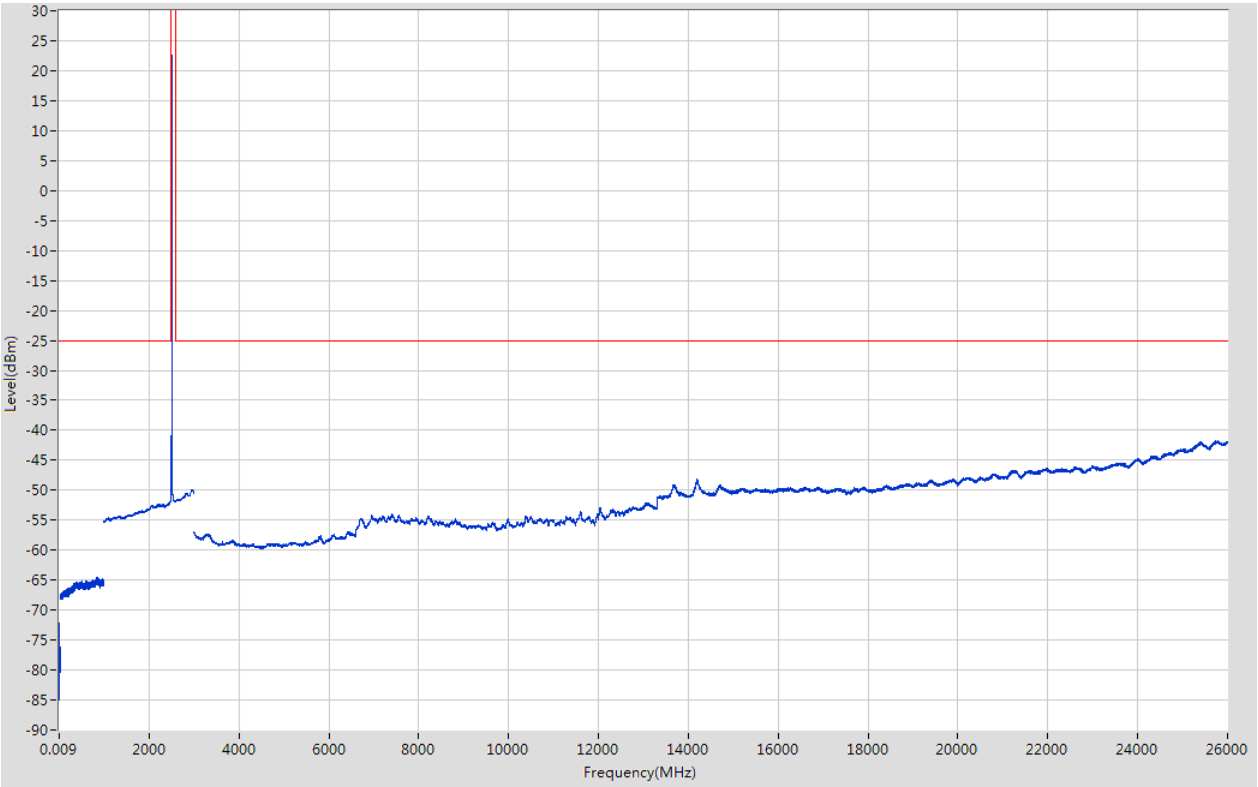
## 11.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:20850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.58 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.15 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 833.498 | -64.6 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.72 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.9 | 22.85 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -49.98 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.77 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25804.966 | -41.81 | -25 | Pass | 14000 |



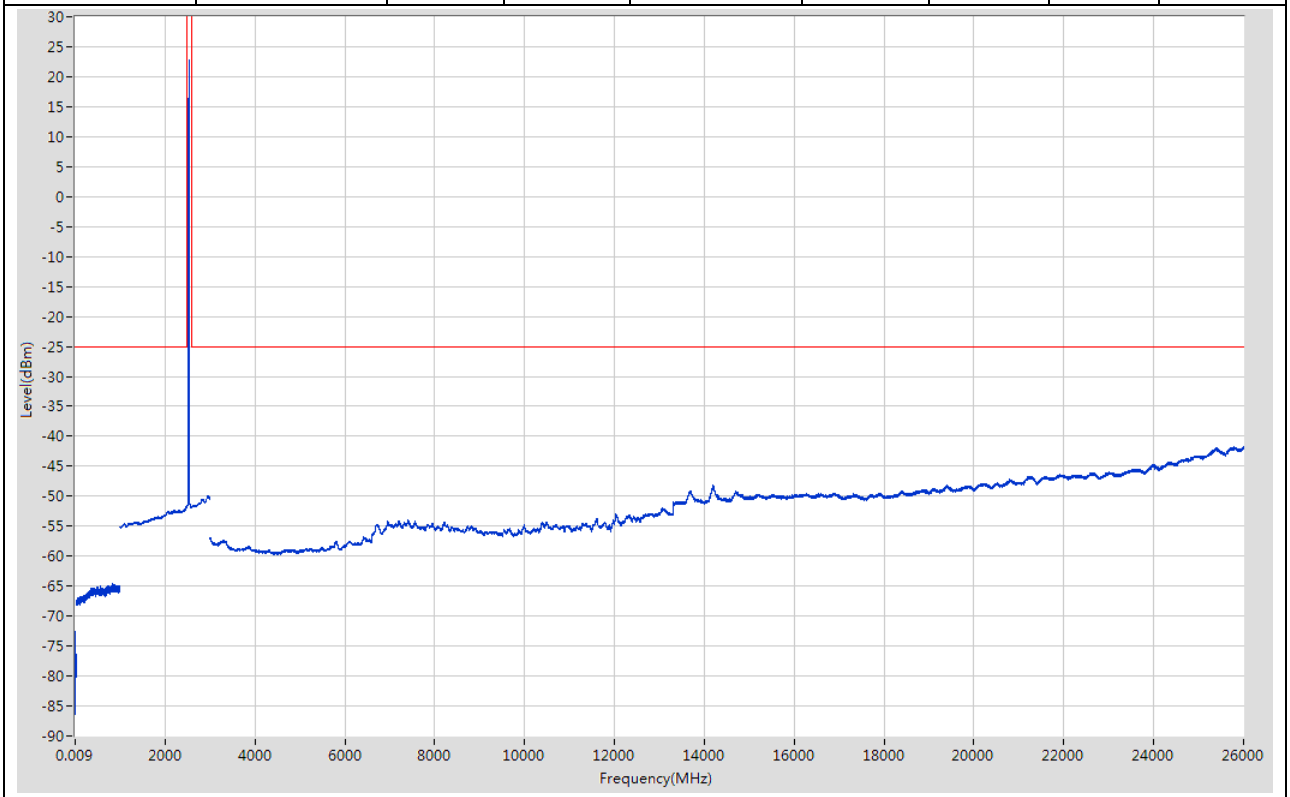
## 11.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:20850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.49 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.08 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 837.299 | -64.6 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2478.999 | -51.73 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2500.9 | 22.67 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2953.888 | -49.99 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.63 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25794.965 | -41.72 | -25 | Pass | 14000 |



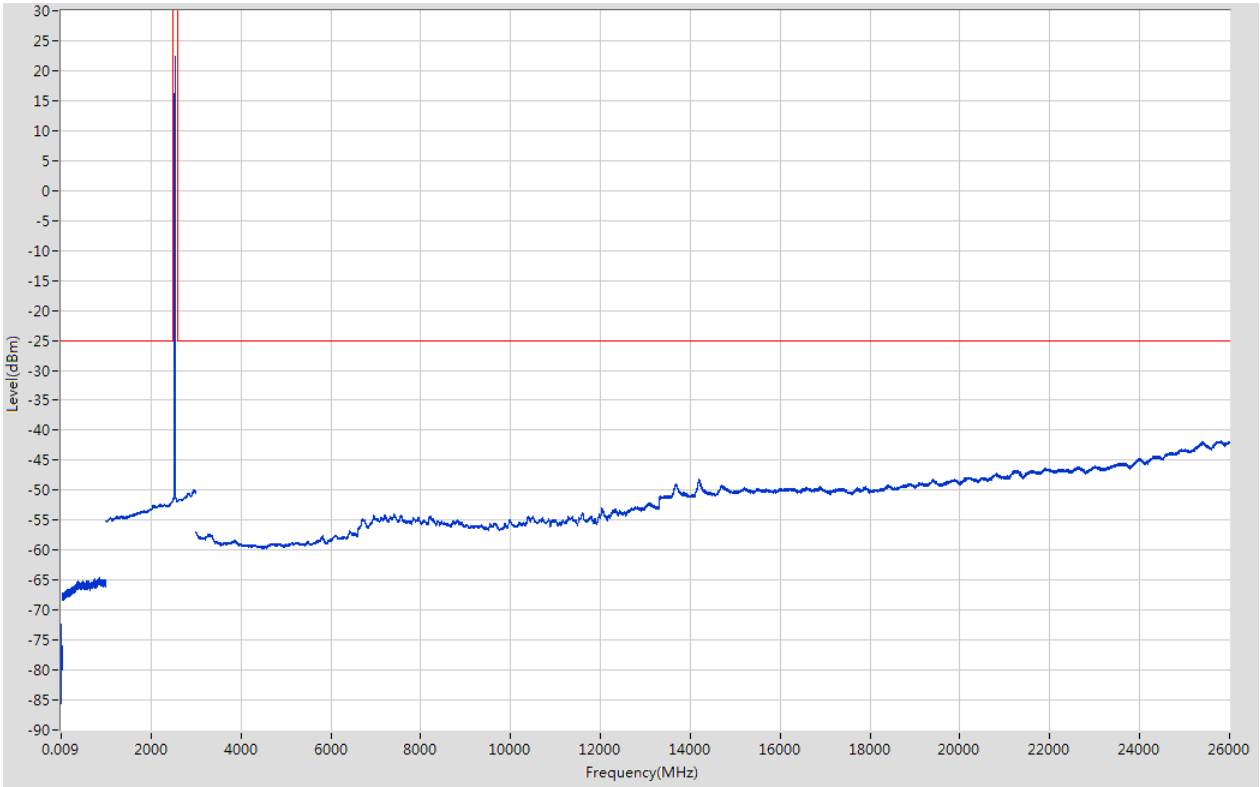
## 11.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:21100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.74 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.59 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 837.499 | -64.66 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2480 | -51.77 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2525.925 | 22.83 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2951.883 | -50 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11603.509 | -53.79 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25782.963 | -41.76 | -25 | Pass | 14000 |



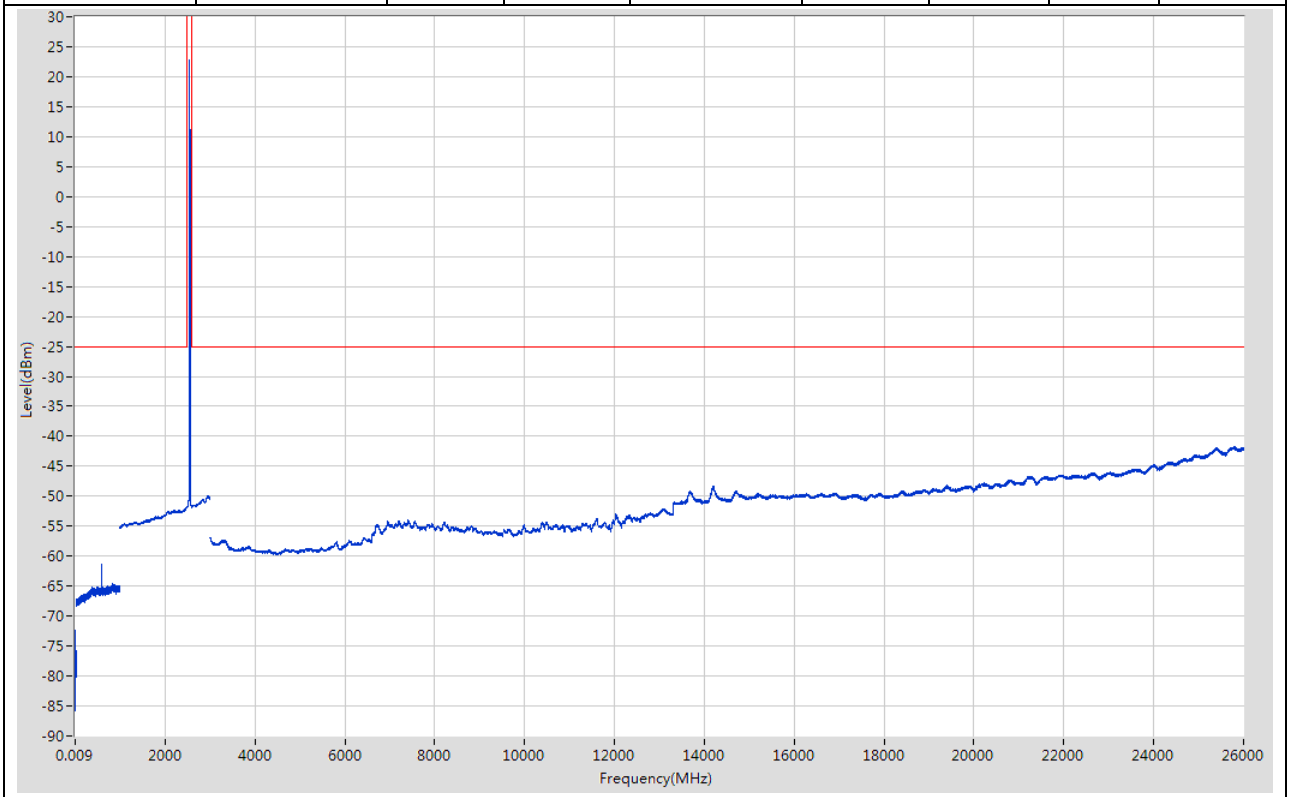
## 11.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:21100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.28 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.4 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 856.41 | -64.51 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2477.999 | -51.75 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2525.925 | 22.41 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2956.895 | -50 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.73 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25801.966 | -41.79 | -25 | Pass | 14000 |



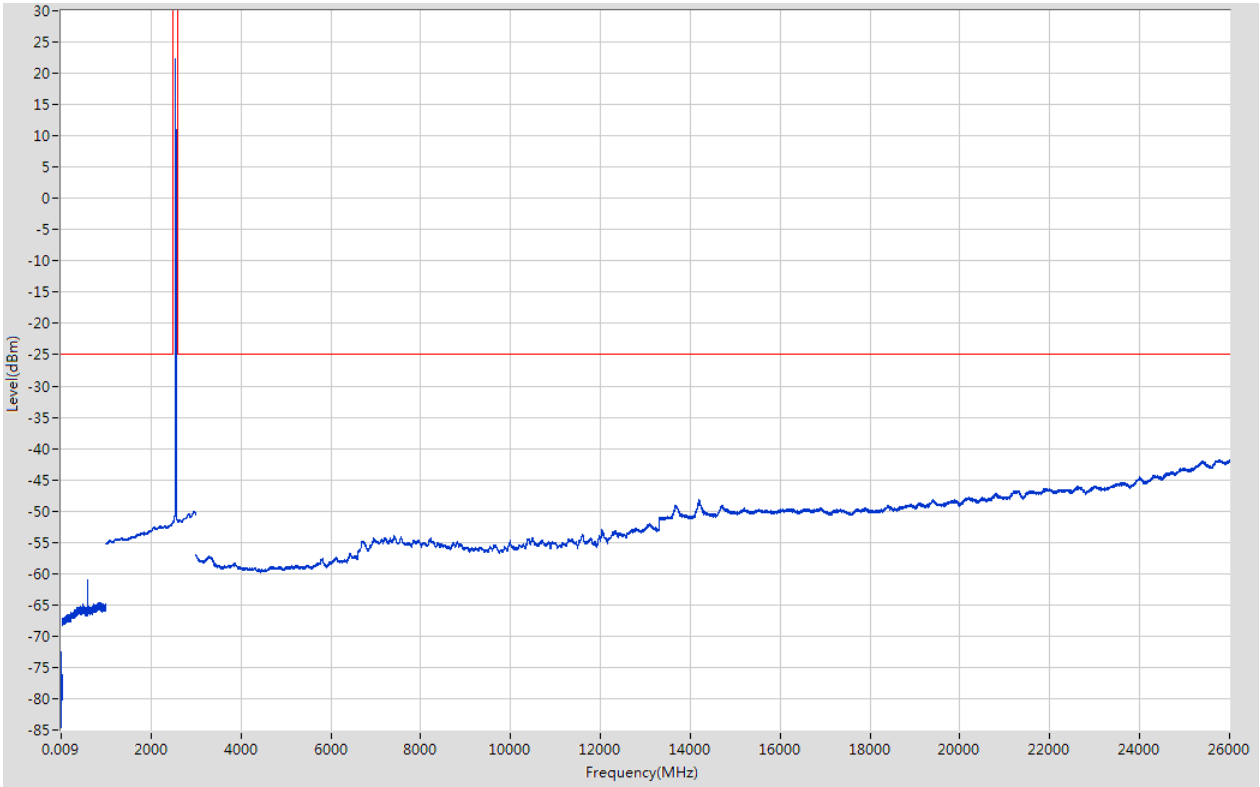
## 11.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:21350, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.92 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.4 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 590.368 | -61.4 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2477.999 | -51.77 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2550.95 | 22.7 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2945.868 | -49.96 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.7 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25805.967 | -41.78 | -25 | Pass | 14000 |



## 11.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:21350, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

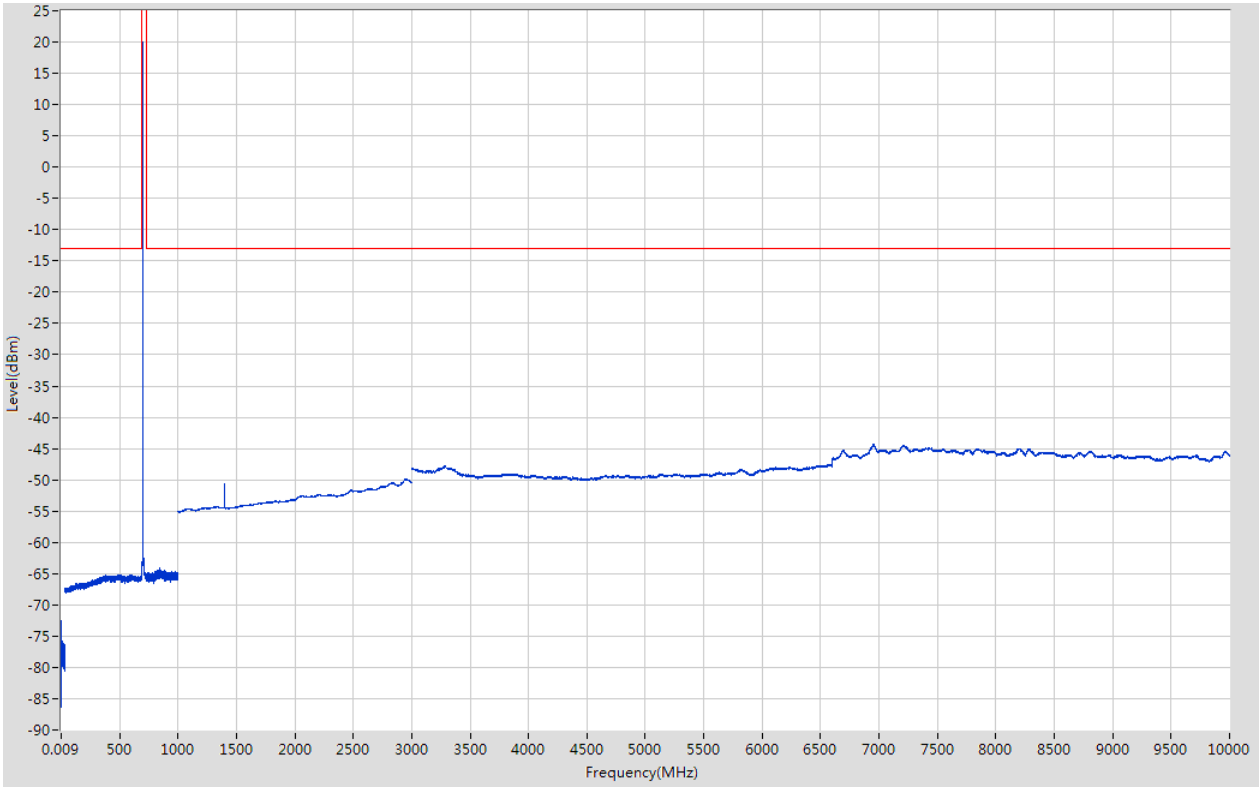
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.06 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.46 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 590.368 | -61.01 | -25 | Pass | 9699 |
| 1000 | 2480 | 1 | RMS | 2476.998 | -51.77 | -25 | Pass | 1480 |
| 2480 | 2590 | 1 | RMS | 2550.95 | 22.38 | 60 | Pass | 401 |
| 2590 | 3000 | 1 | RMS | 2955.892 | -50 | -25 | Pass | 410 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.78 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25999 | -41.82 | -25 | Pass | 14000 |



# 12. LTE_Band12

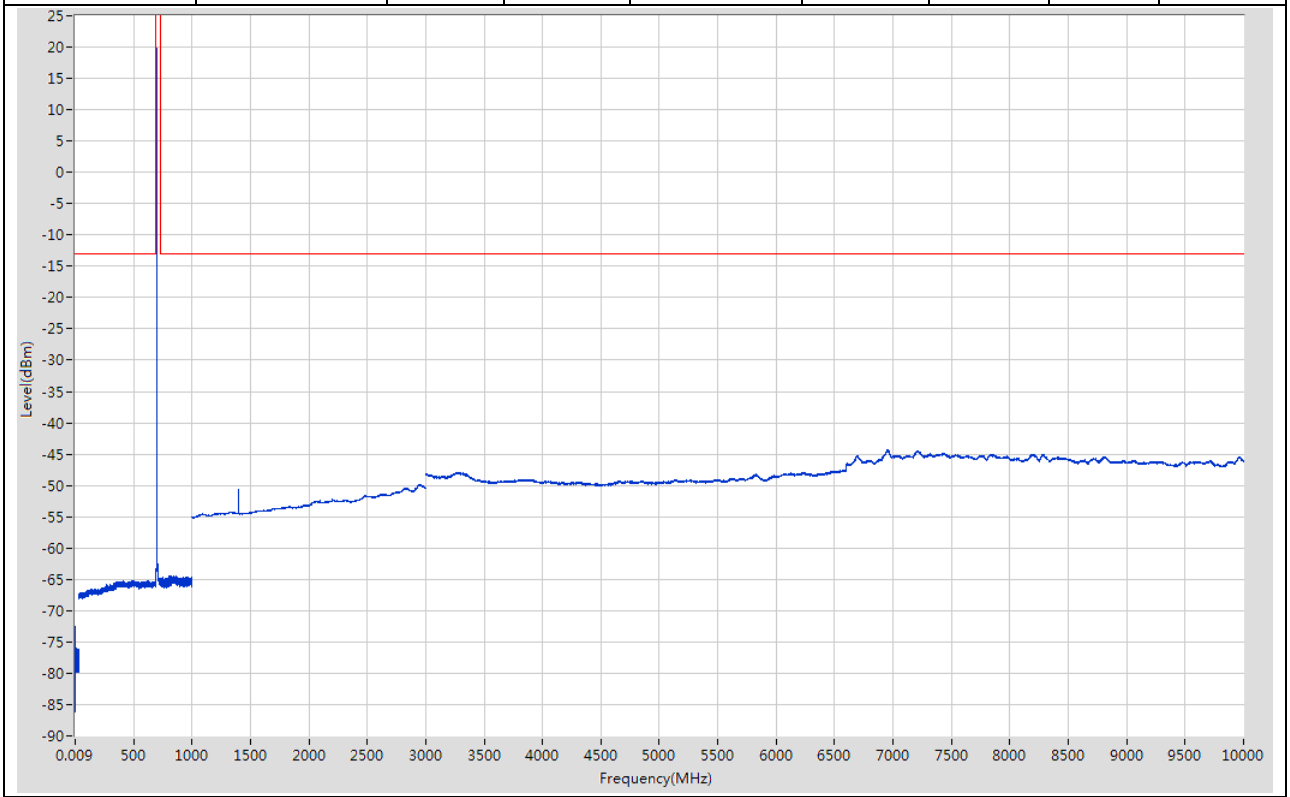
## 12.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:23017, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.59 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.58 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 688.6 | -65.16 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.268 | 19.99 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 842.342 | -64.13 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2954.977 | -49.92 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.31 | -13 | Pass | 7000 |



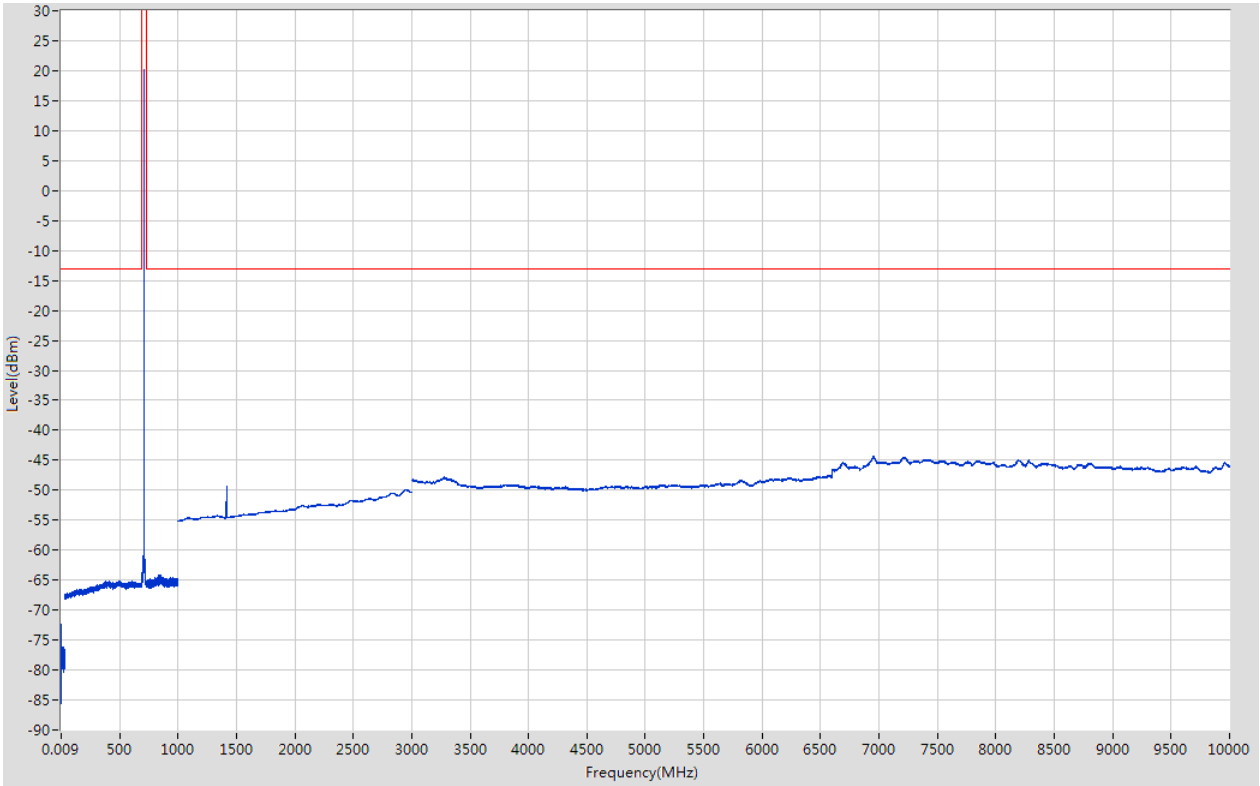
## 12.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:23017, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.13 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -72.59 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 688.6 | -65.1 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.268 | 19.84 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 815.833 | -64.37 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2944.972 | -49.87 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.34 | -13 | Pass | 7000 |



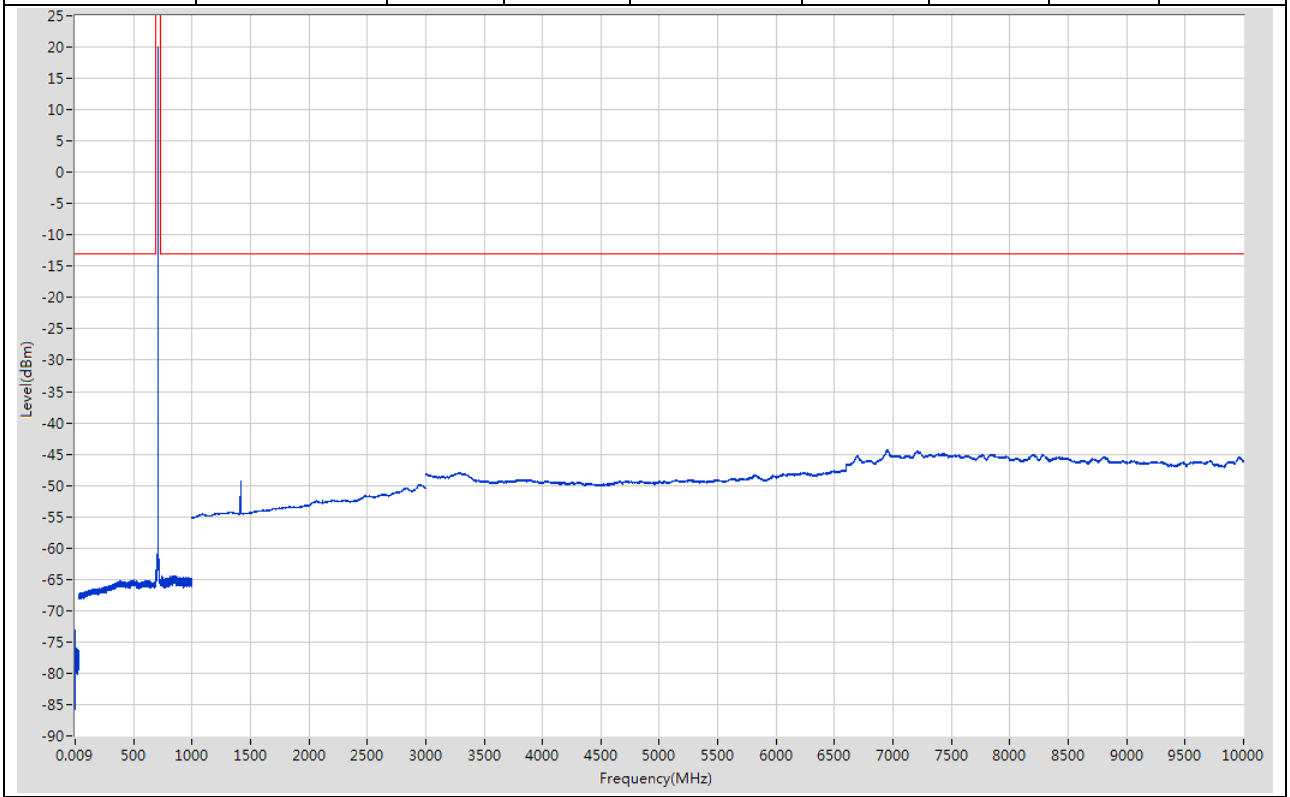
## 12.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:23095, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.79 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.39 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 409.058 | -65.1 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 707.038 | 20.1 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 836.44 | -64.14 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1413.207 | -49.36 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.31 | -13 | Pass | 7000 |



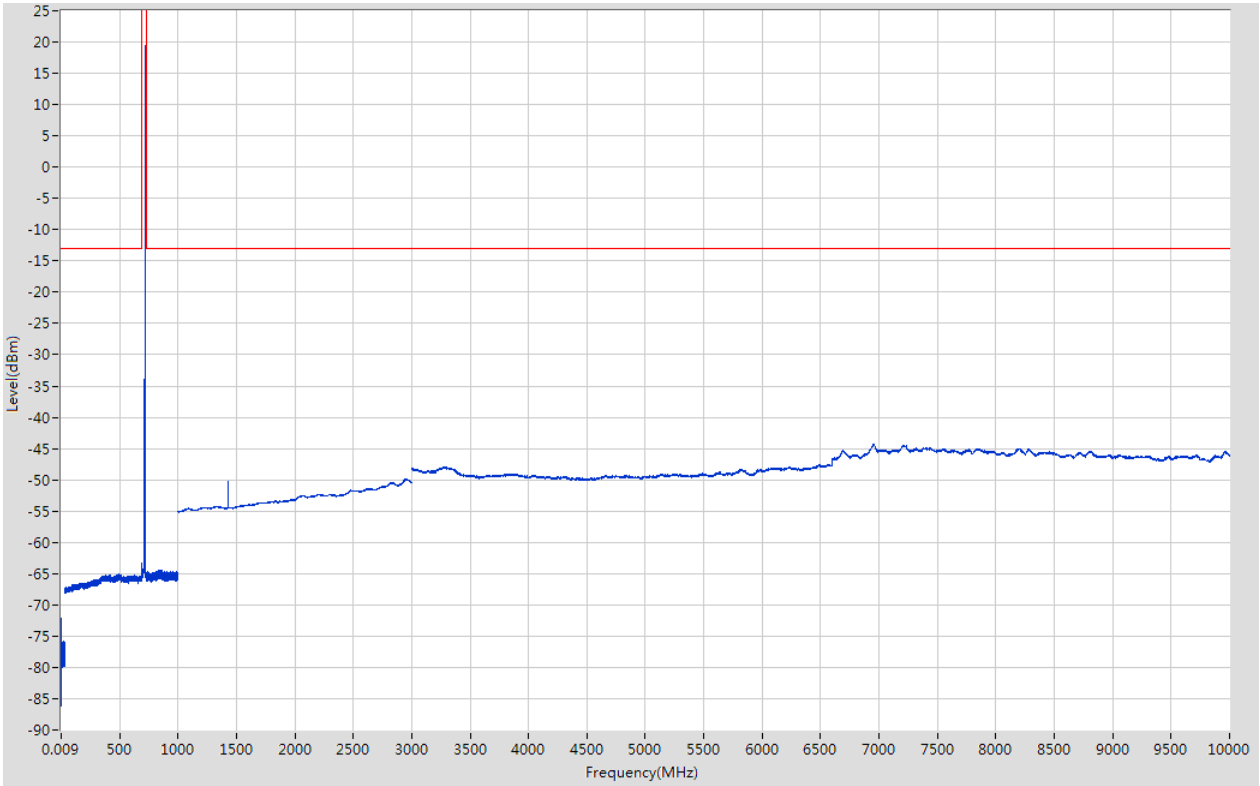
## 12.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:23095, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.44 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -73.03 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 498.571 | -65.03 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 707.038 | 19.94 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 843.343 | -64.43 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1413.207 | -49.21 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.32 | -13 | Pass | 7000 |



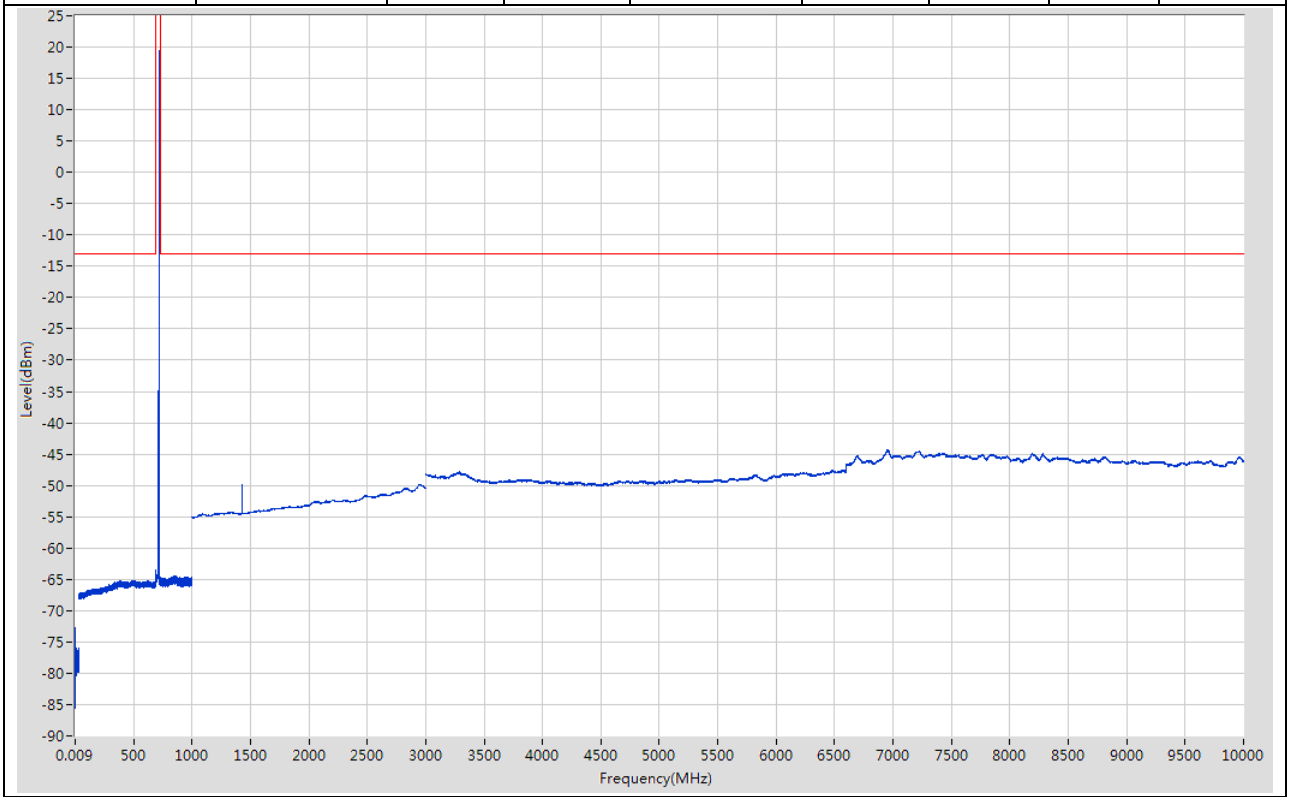
## 12.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:23173, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.31 | -72.21 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 494.37 | -65.14 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 714.808 | 19.51 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 829.738 | -64.43 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2948.974 | -49.93 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.28 | -13 | Pass | 7000 |



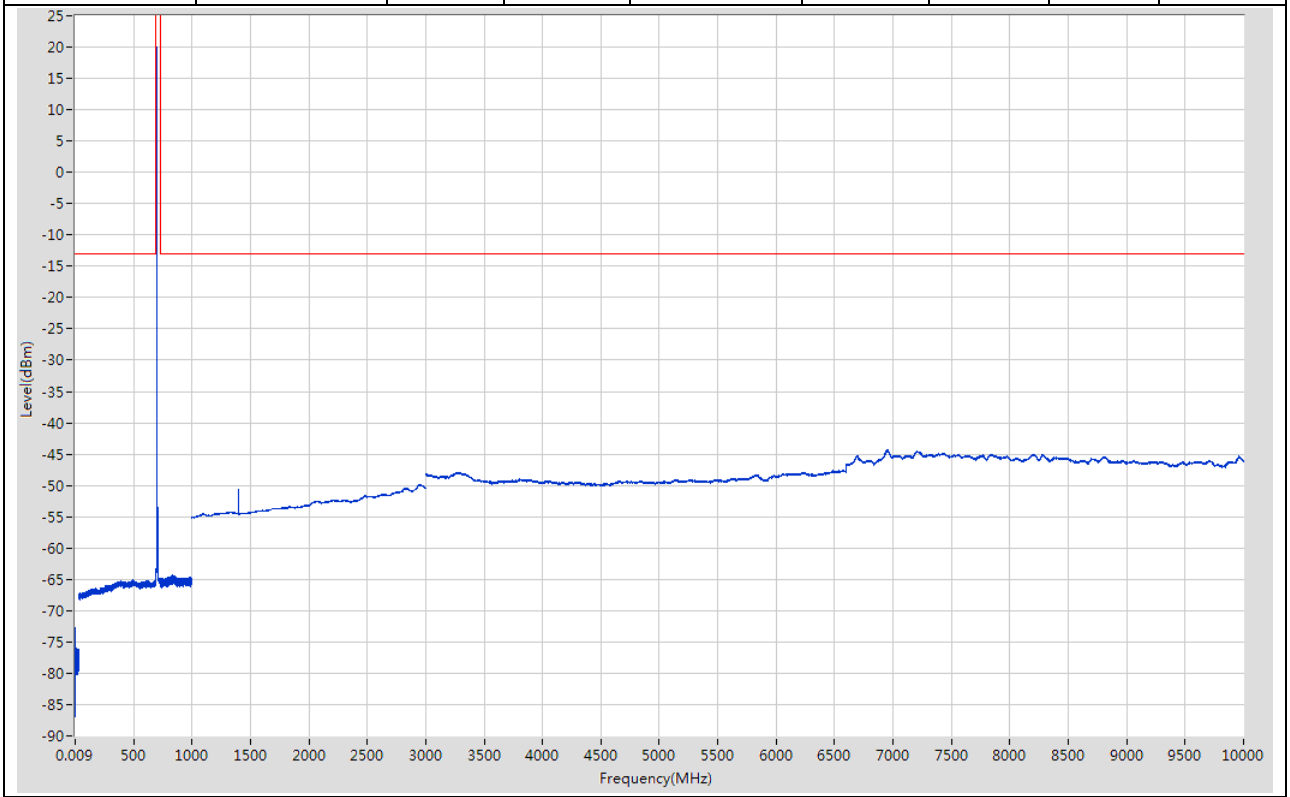
## 12.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:23173, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.7 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.64 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 508.773 | -65.18 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 714.808 | 19.5 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 855.547 | -64.39 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1429.215 | -49.83 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.22 | -13 | Pass | 7000 |



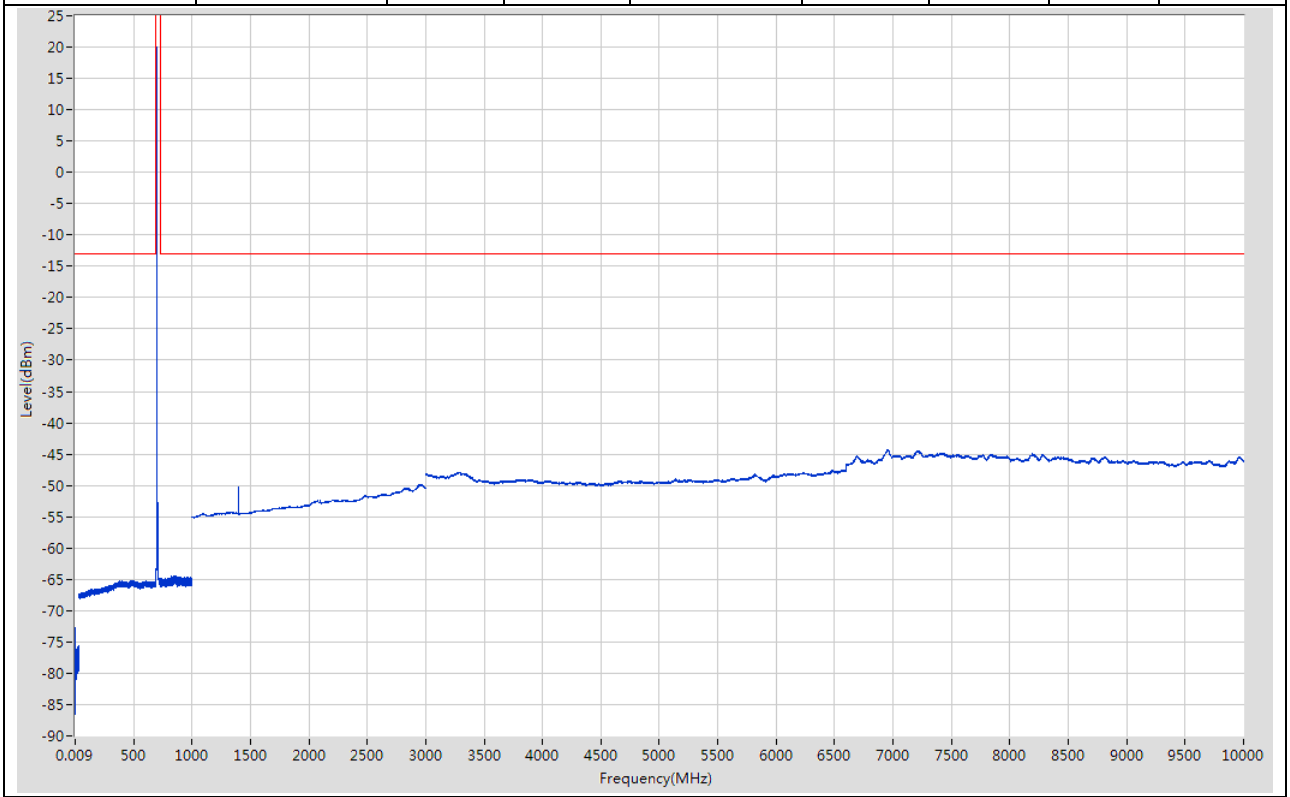
## 12.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:23025, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.88 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.79 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 489.27 | -65.14 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.268 | 19.94 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 830.738 | -64.29 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2954.977 | -49.87 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.3 | -13 | Pass | 7000 |



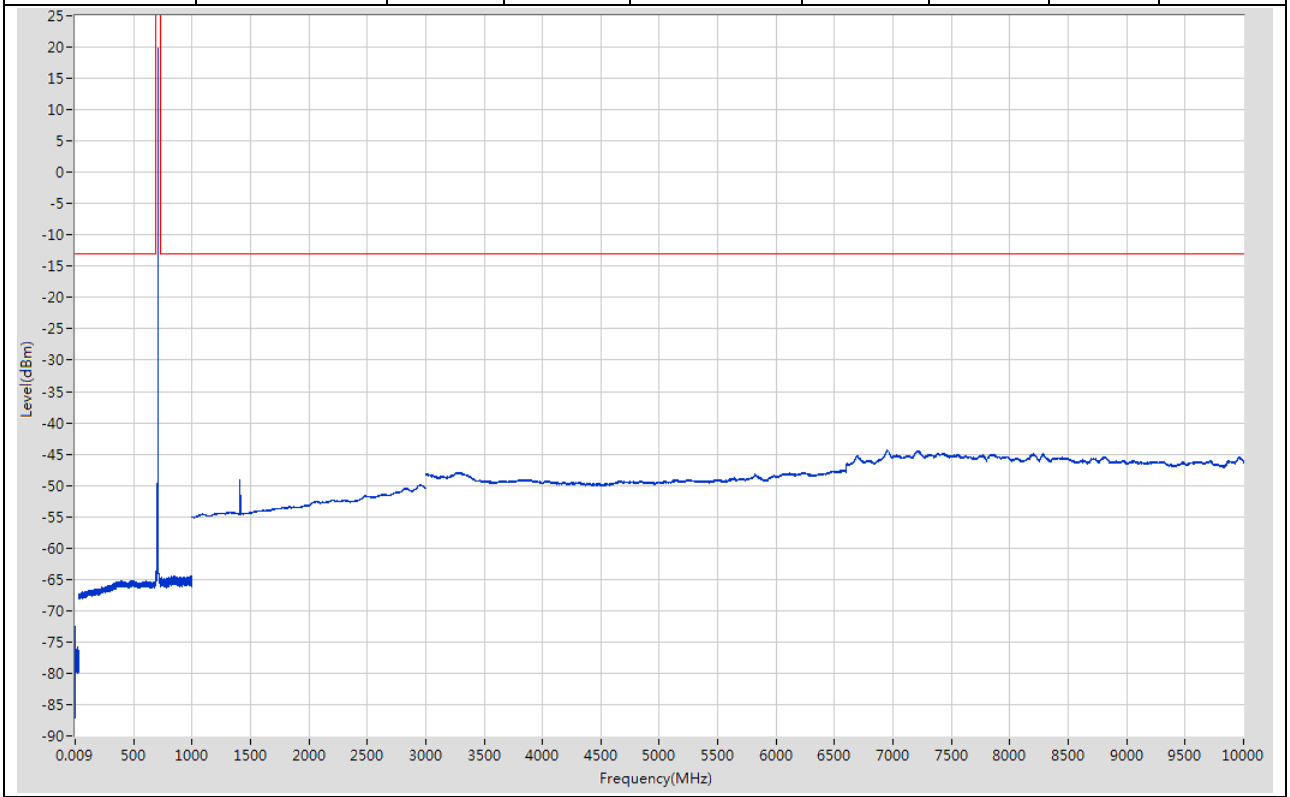
## 12.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:23025, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.77 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 496.271 | -65.21 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.268 | 19.99 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 868.452 | -64.45 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2946.973 | -49.88 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.3 | -13 | Pass | 7000 |



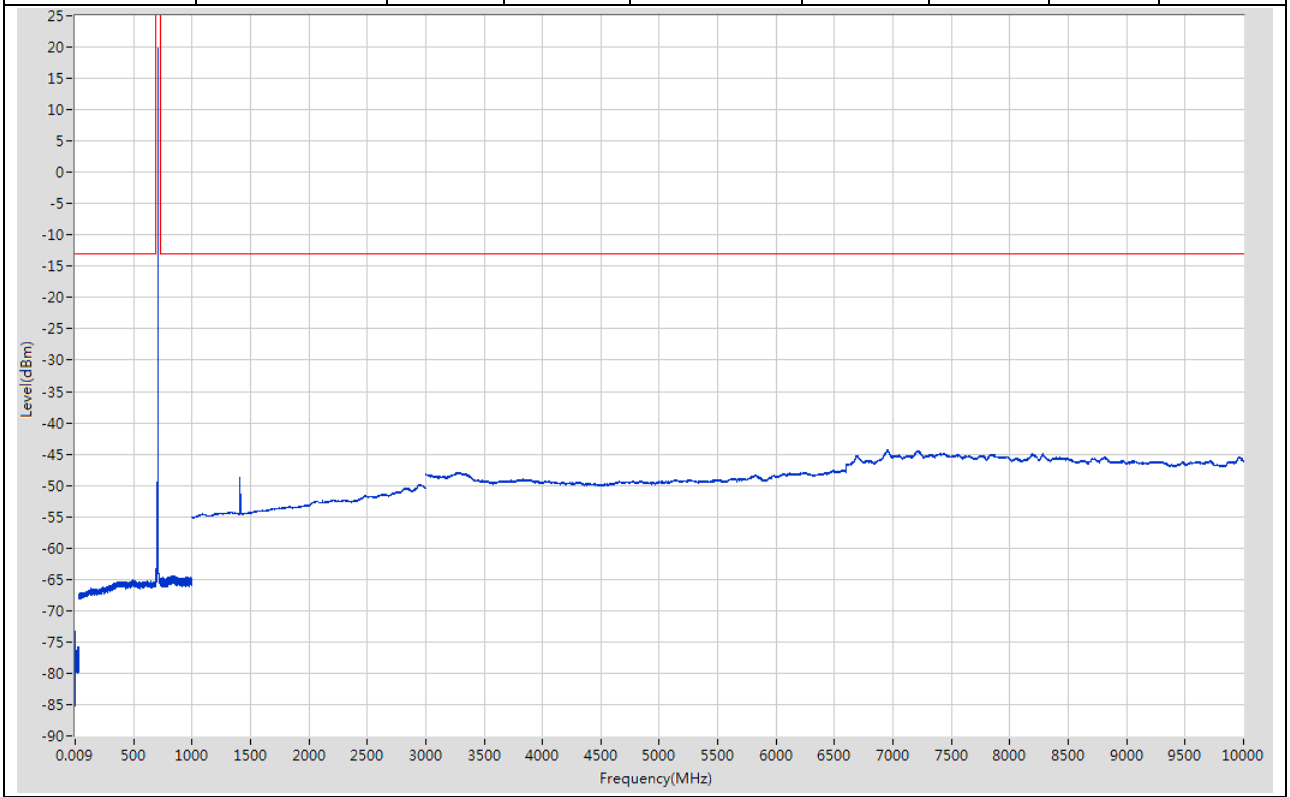
## 12.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:23095, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.54 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.37 | -72.55 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 498.071 | -65.17 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 706.205 | 19.82 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 821.135 | -64.37 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -49.12 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.27 | -13 | Pass | 7000 |



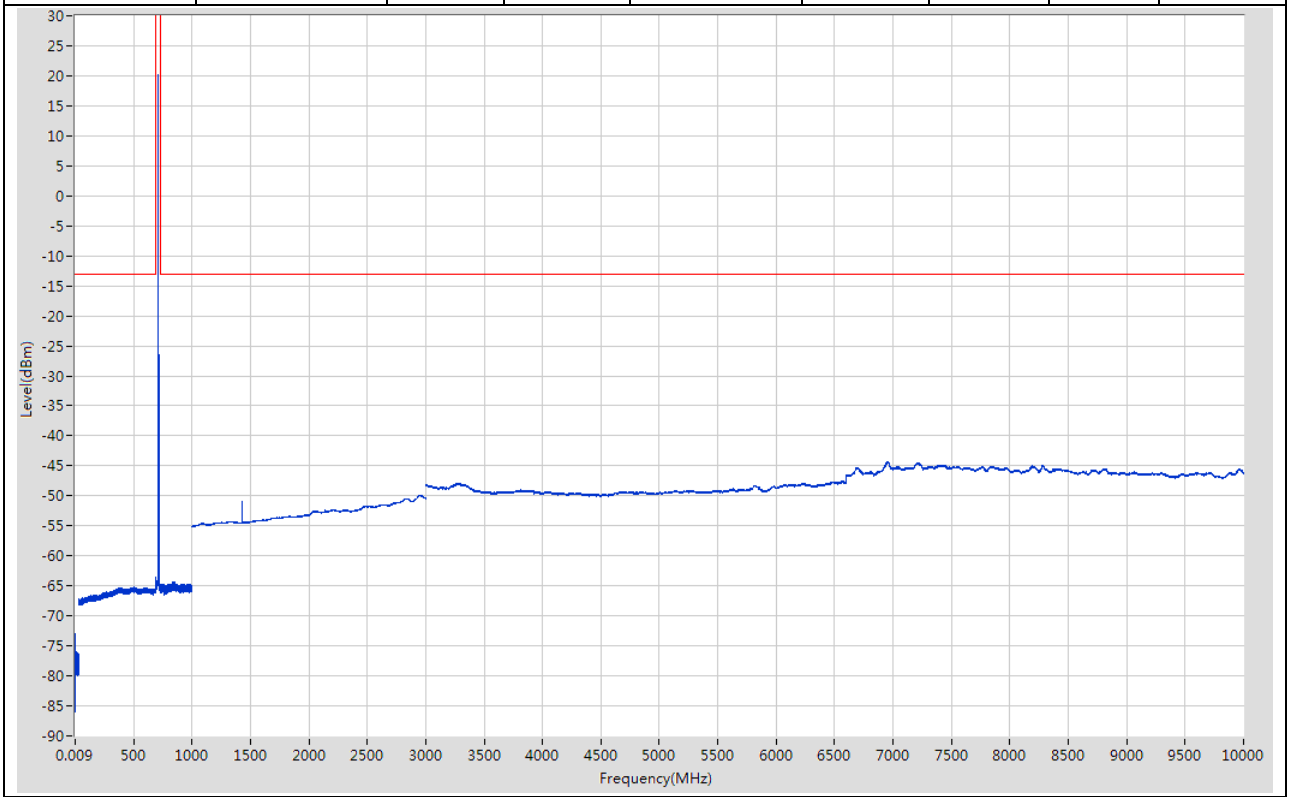
## 12.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:23095, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.35 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -73.3 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 491.77 | -65.02 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 706.205 | 19.83 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 821.835 | -64.41 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -48.73 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.36 | -13 | Pass | 7000 |



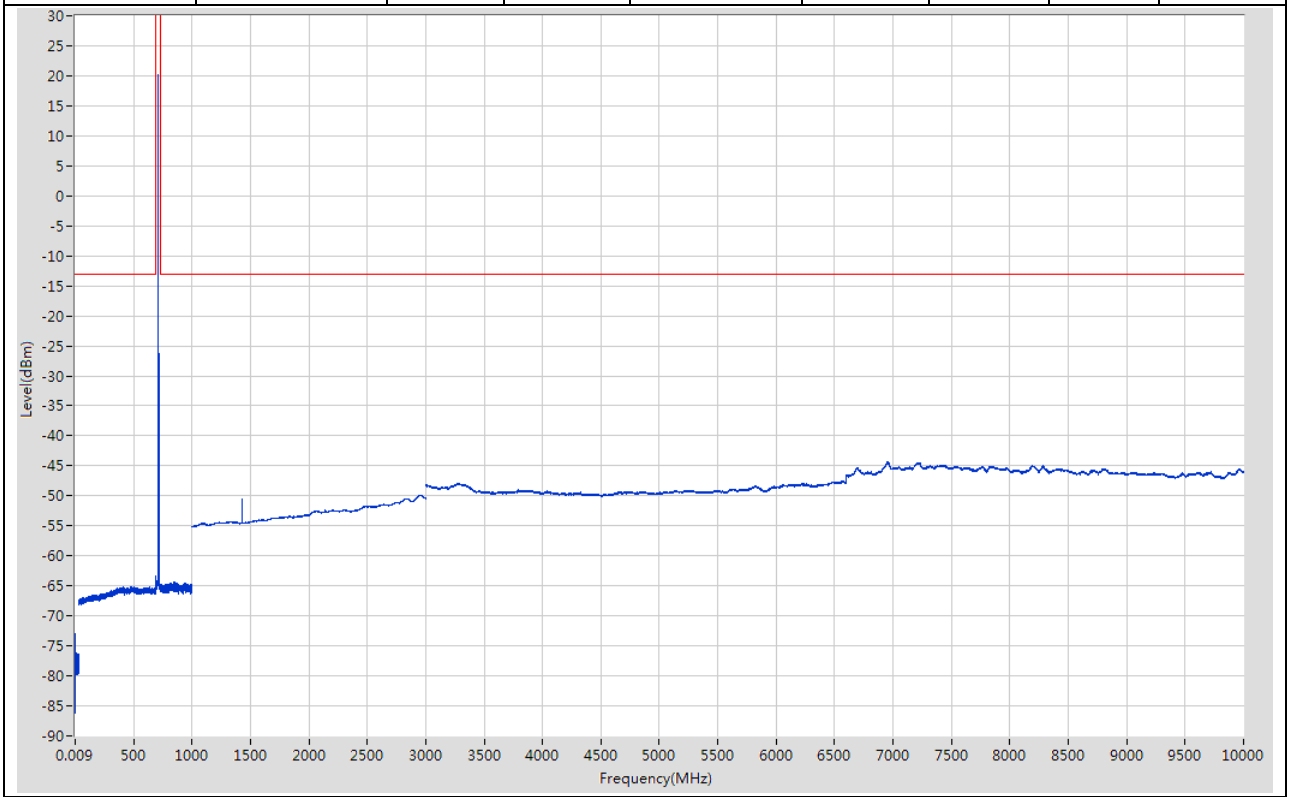
## 12.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:23165, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.13 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.98 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 500.371 | -65.25 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 713.235 | 20.16 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 842.242 | -64.37 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2956.978 | -49.91 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.32 | -13 | Pass | 7000 |



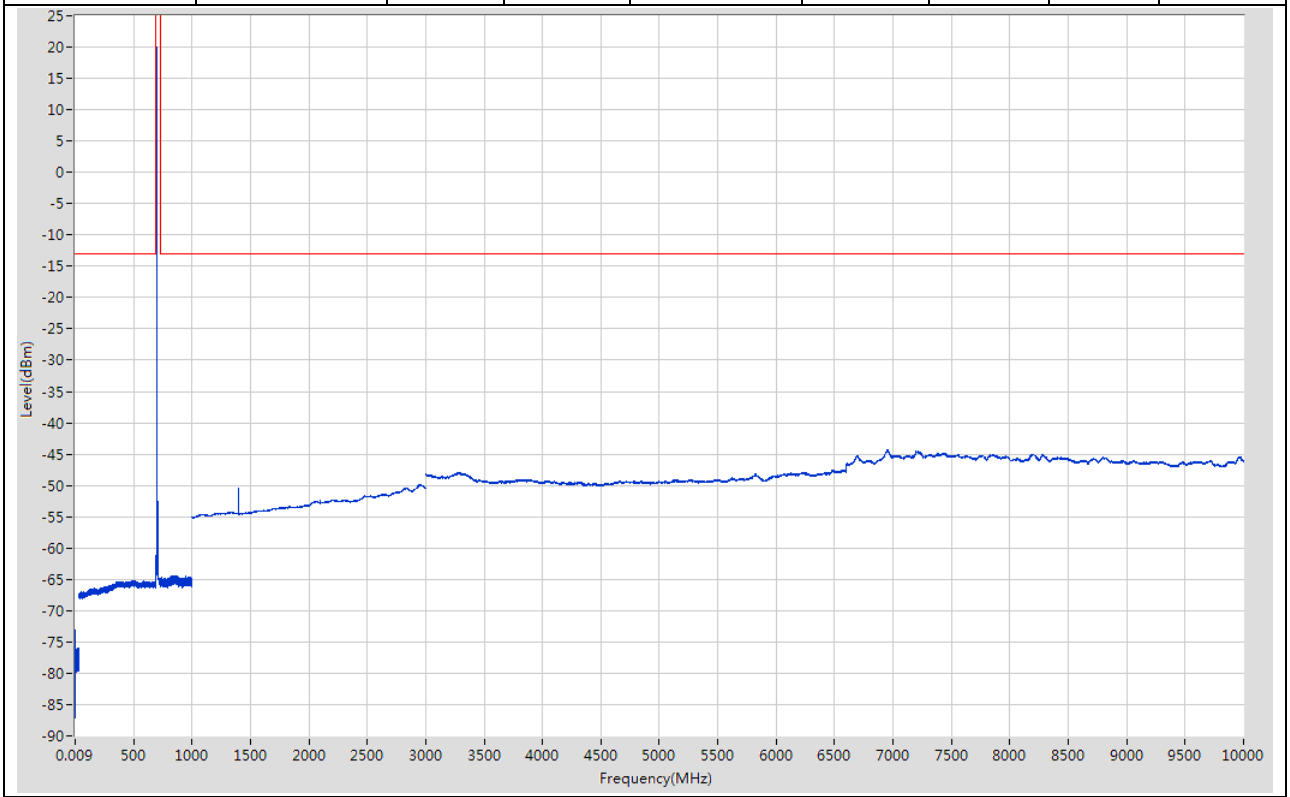
## 12.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:23165, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.02 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -72.96 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 410.058 | -65.18 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 713.235 | 20.17 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 840.342 | -64.28 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2955.978 | -49.89 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.34 | -13 | Pass | 7000 |



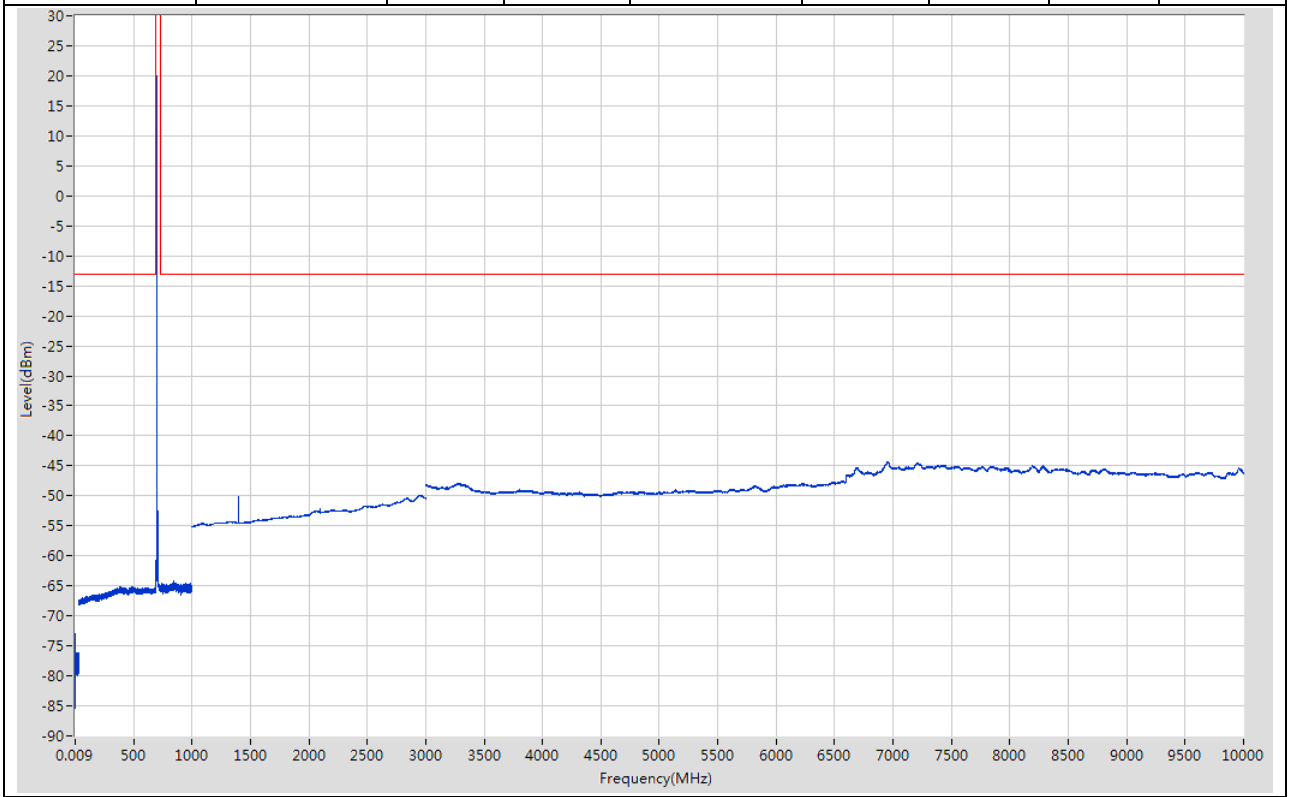
## 12.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:23035, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.12 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -73.24 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 478.468 | -65.18 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.36 | 19.92 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 844.843 | -64.42 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2946.973 | -49.88 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.33 | -13 | Pass | 7000 |



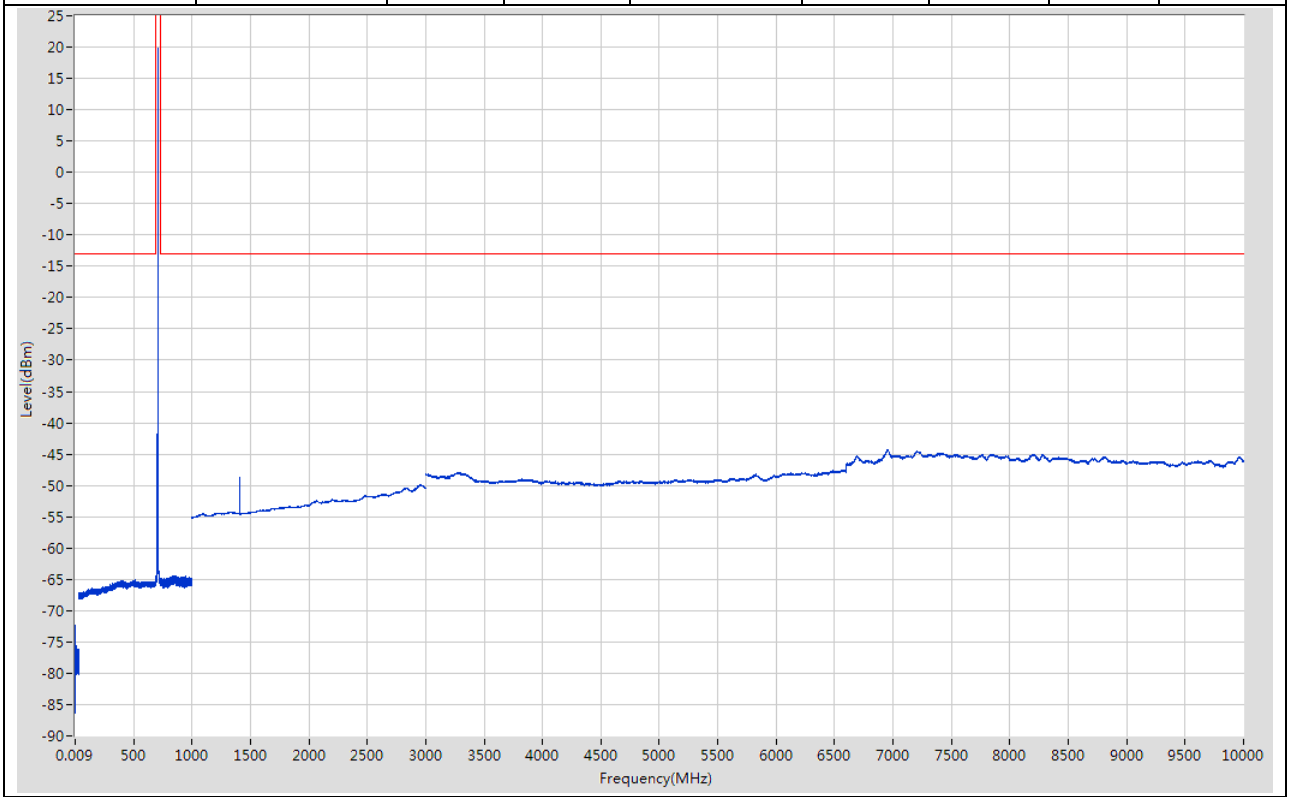
## 12.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:23035, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.53 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -73.02 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 489.77 | -65.11 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.36 | 20.02 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 842.843 | -64.2 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2946.973 | -49.91 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.28 | -13 | Pass | 7000 |



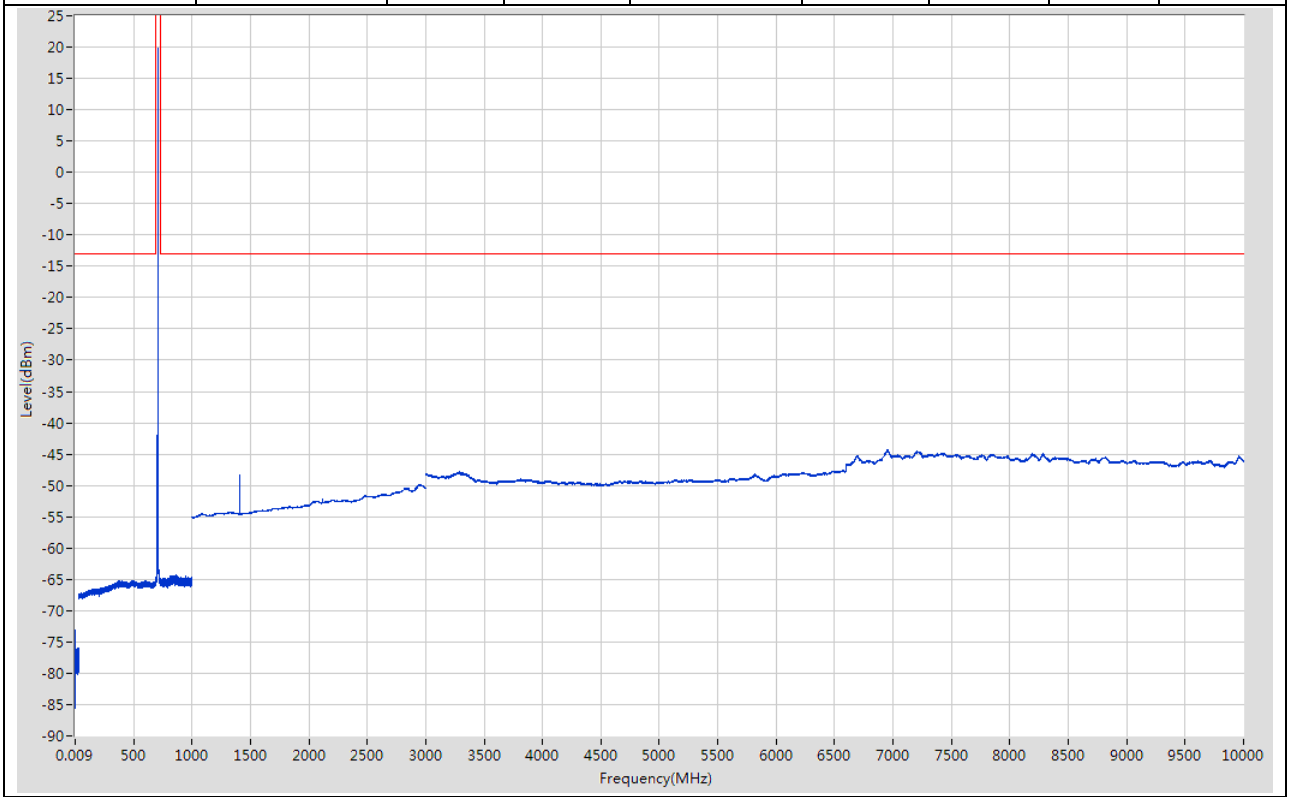
## 12.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:23095, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -74.93 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.3 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 517.374 | -65.13 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 705.373 | 19.85 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 831.839 | -64.38 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1410.205 | -48.72 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.3 | -13 | Pass | 7000 |



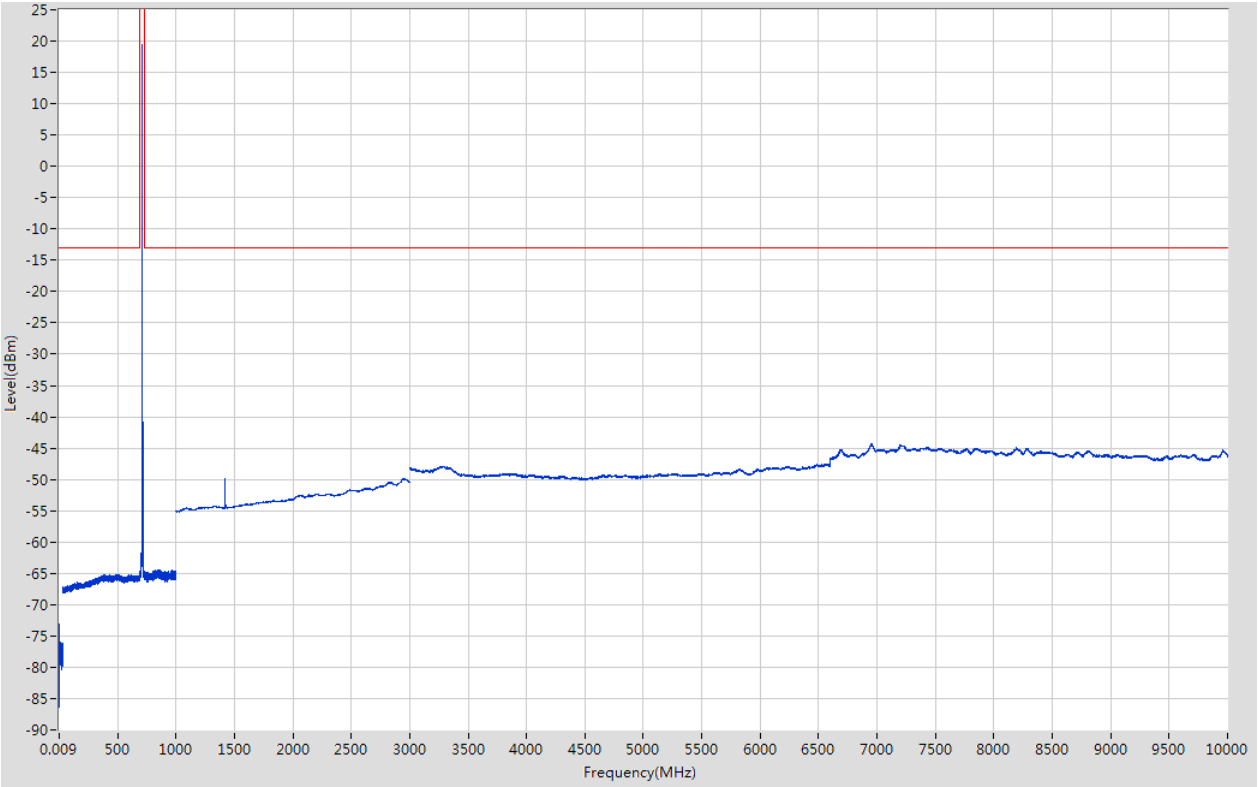
## 12.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:23095, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.53 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -73.05 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 495.971 | -65.19 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 705.373 | 19.86 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 865.451 | -64.37 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1410.205 | -48.27 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.27 | -13 | Pass | 7000 |



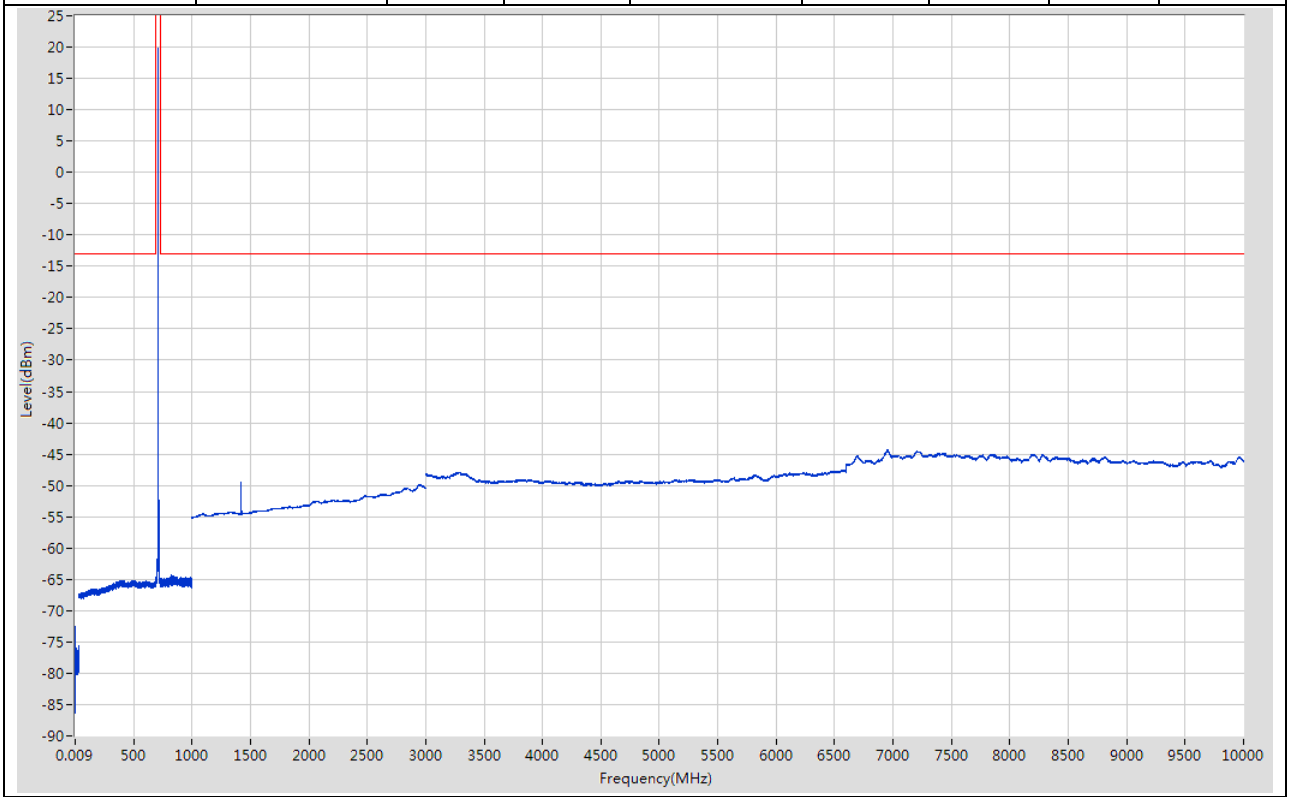
## 12.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:23155, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -73.2 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 485.069 | -65.17 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 711.293 | 19.5 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 842.342 | -64.45 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2953.977 | -49.92 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.33 | -13 | Pass | 7000 |



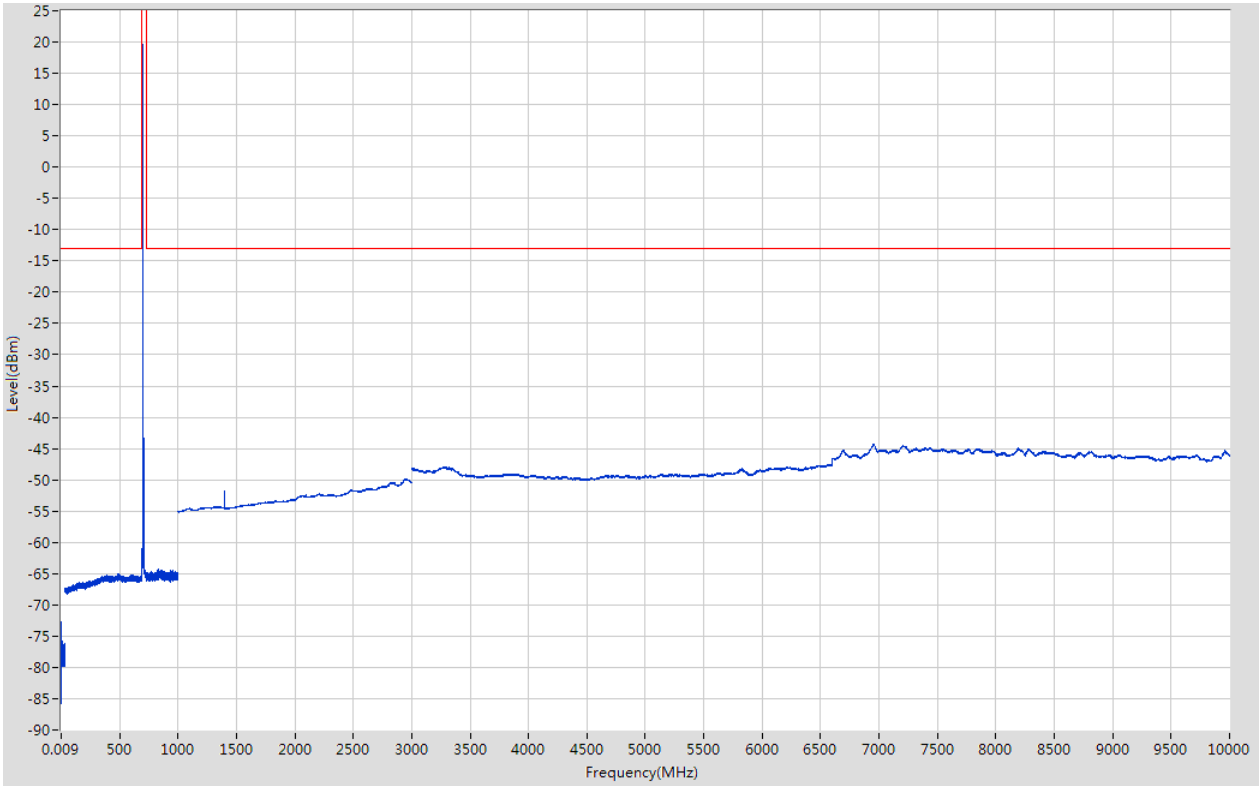
## 12.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:23155, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.76 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.62 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 385.654 | -65.15 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 711.385 | 19.75 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 819.334 | -64.37 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1422.211 | -49.41 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.38 | -13 | Pass | 7000 |



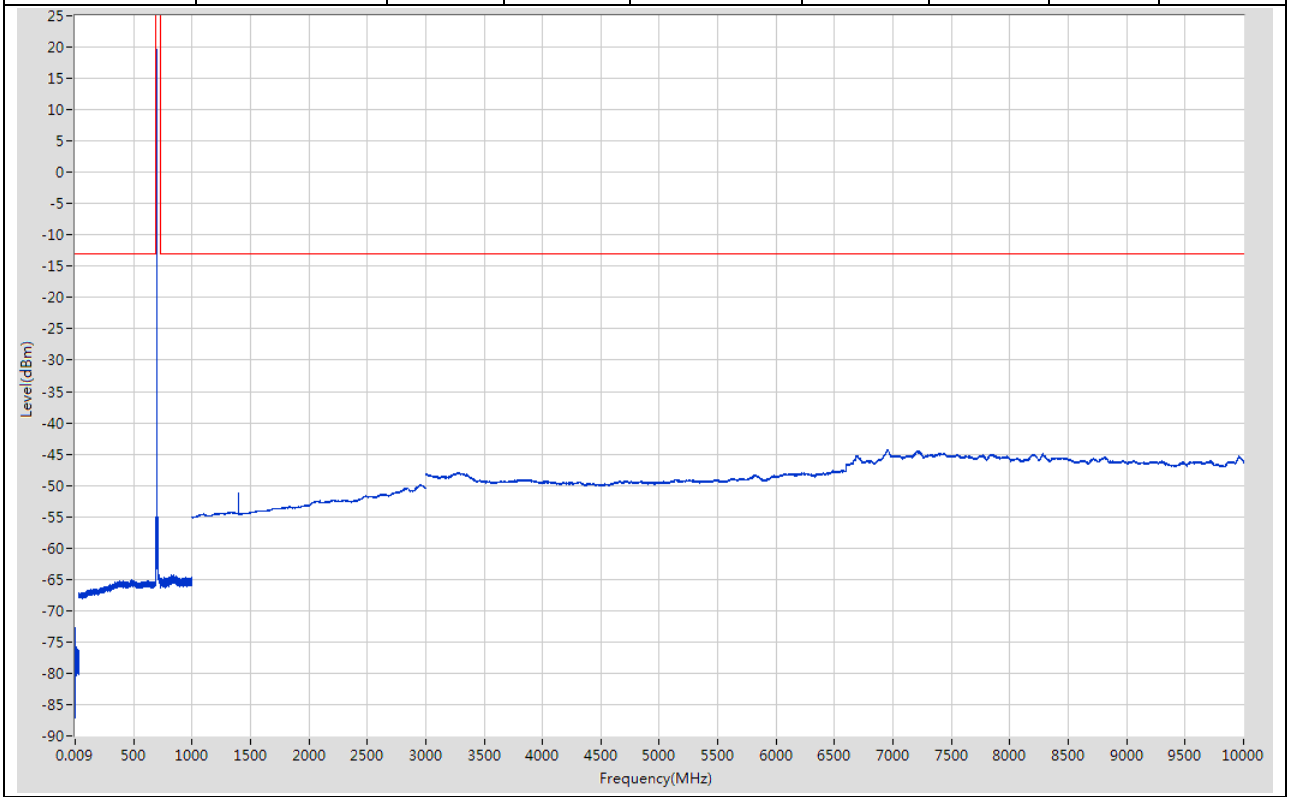
## 12.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:23060, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.41 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.64 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 492.67 | -65.1 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.545 | 19.65 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 830.238 | -64.36 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2956.978 | -49.88 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.34 | -13 | Pass | 7000 |



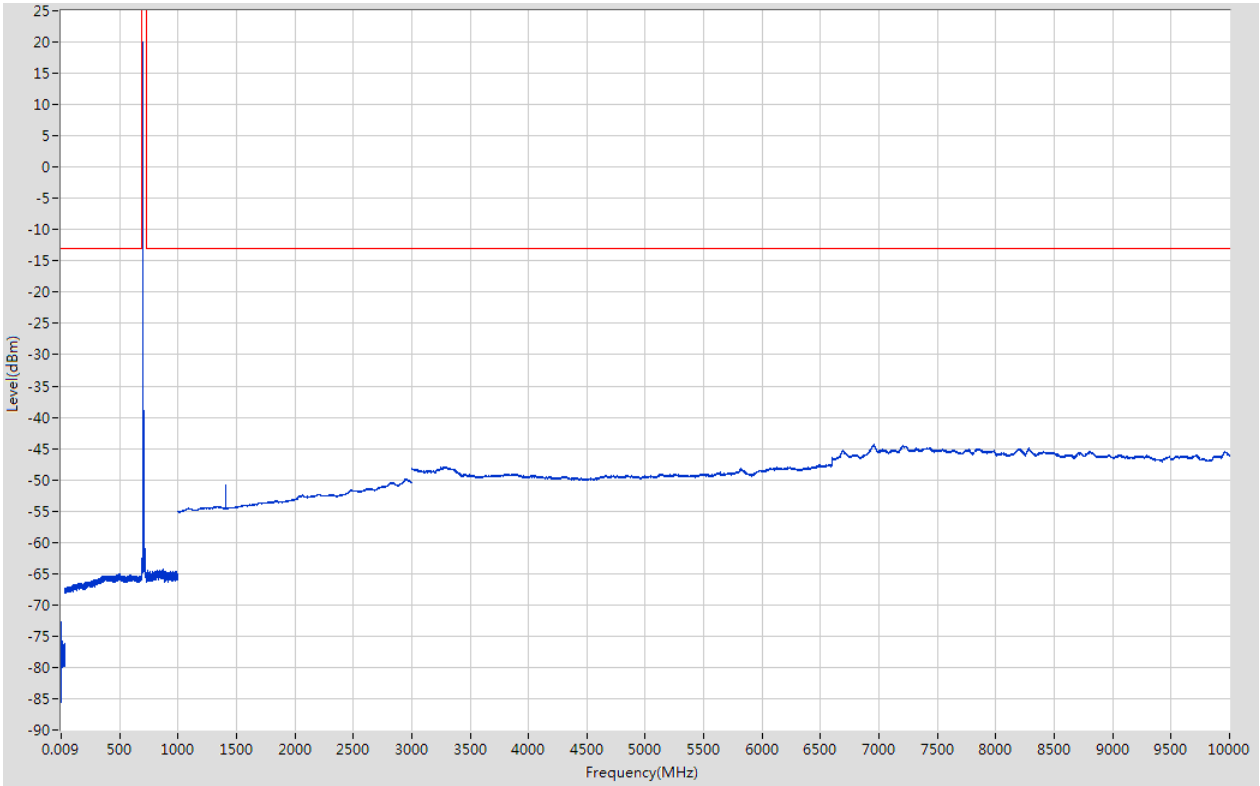
## 12.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:23060, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.78 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 485.769 | -65.09 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 699.638 | 19.63 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 843.943 | -64.31 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2951.976 | -49.91 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.32 | -13 | Pass | 7000 |



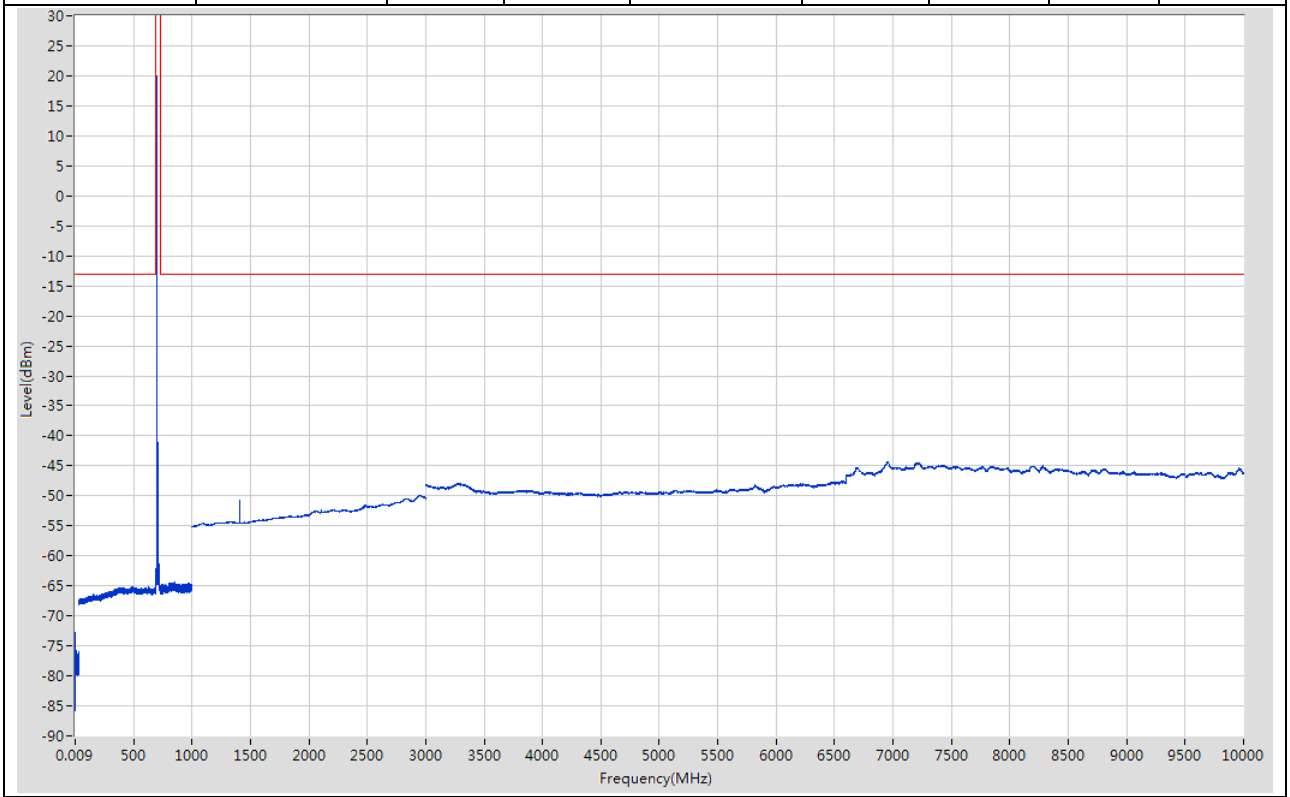
## 12.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:23095, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -74.7 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.81 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 503.172 | -65.02 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 703.06 | 19.94 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 876.355 | -64.34 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2948.974 | -49.89 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.34 | -13 | Pass | 7000 |



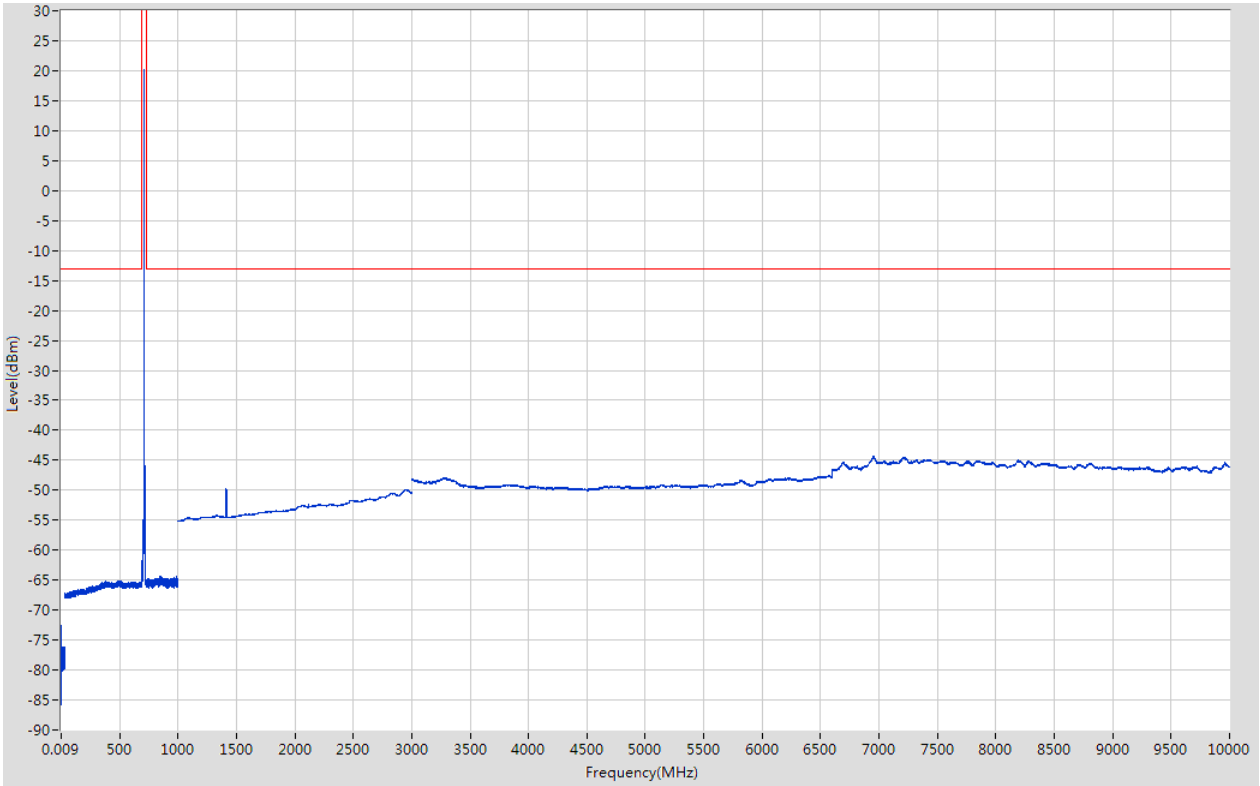
## 12.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:23095, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.44 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.85 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 623.19 | -65.19 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 703.06 | 20.01 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 850.746 | -64.43 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2949.975 | -49.9 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.28 | -13 | Pass | 7000 |



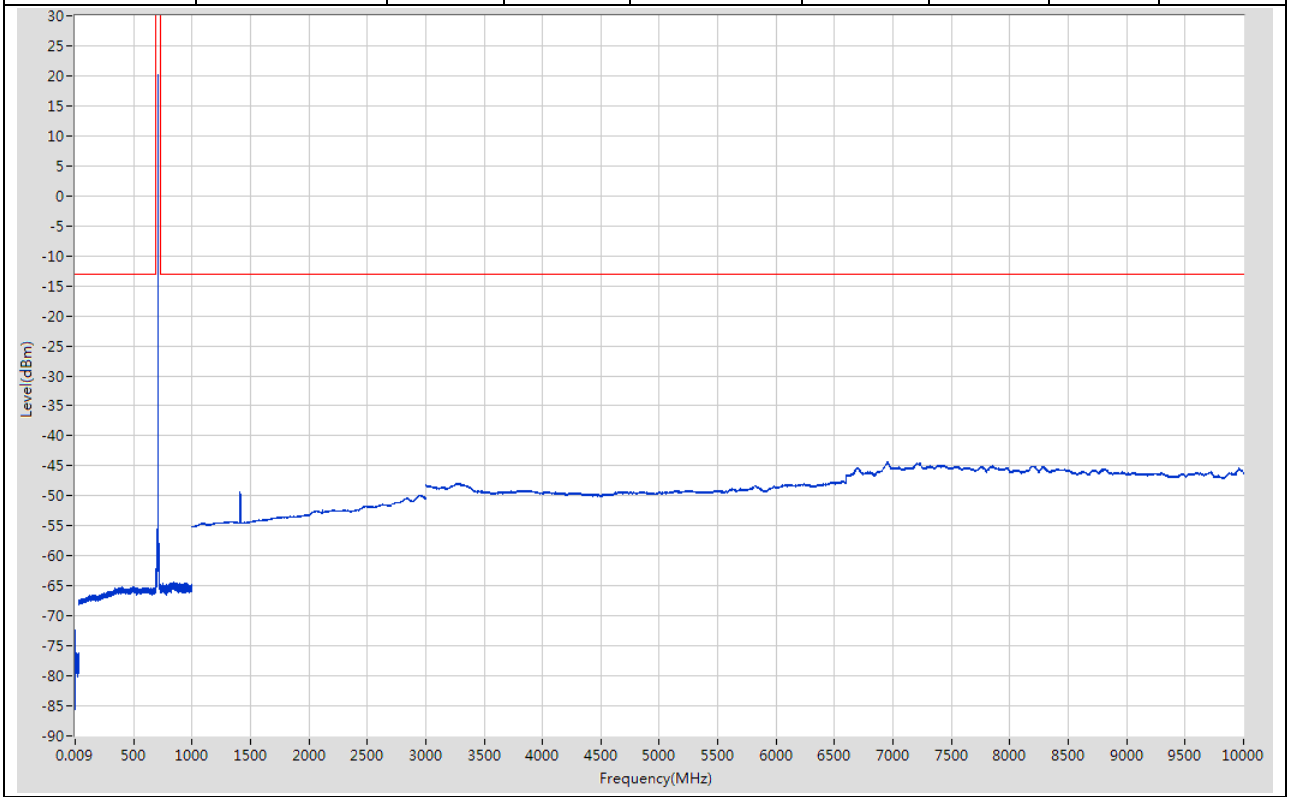
## 12.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:23130, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.49 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.65 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 490.27 | -65.07 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 706.575 | 20.15 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 854.647 | -64.41 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -49.83 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.28 | -13 | Pass | 7000 |



## 12.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:23130, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

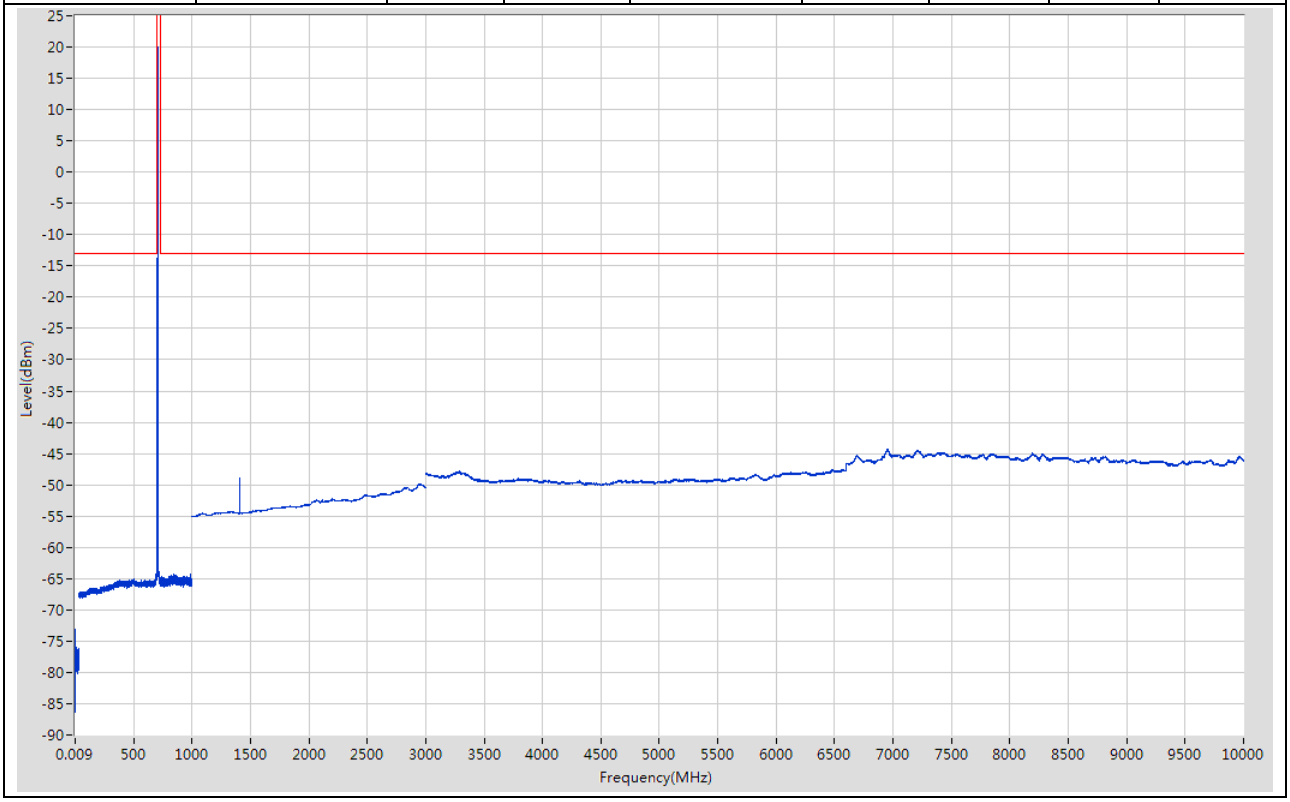
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.41 | -13 | Pass | 2985 |
| 30 | 689 | 0.1 | RMS | 400.756 | -65.21 | -13 | Pass | 6590 |
| 689 | 726 | 0.1 | RMS | 706.575 | 20.13 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 841.942 | -64.44 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -49.36 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.34 | -13 | Pass | 7000 |



# 13. LTE_Band17

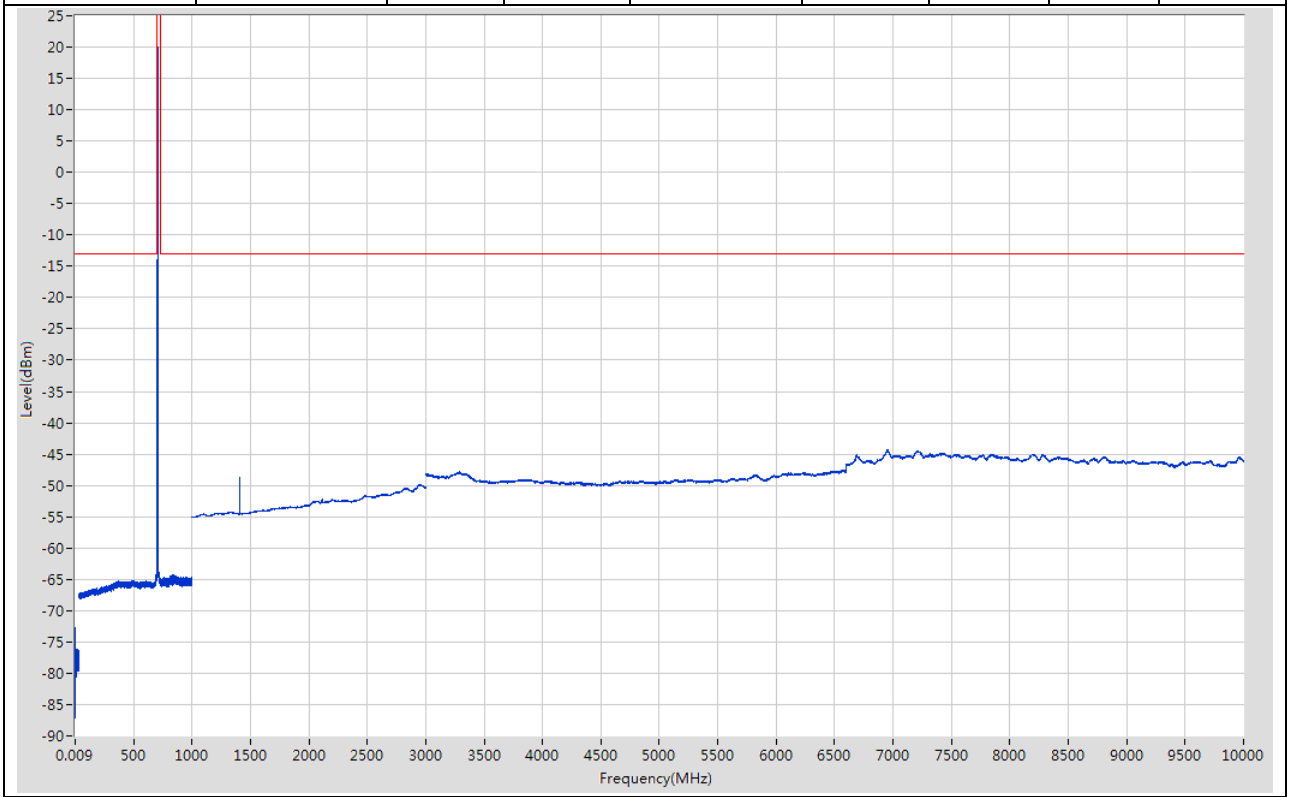
## 13.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:23755, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75.2 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.31 | -73.16 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -64.3 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 704.32 | 19.95 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 840.142 | -64.29 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1408.204 | -48.97 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.31 | -13 | Pass | 7000 |



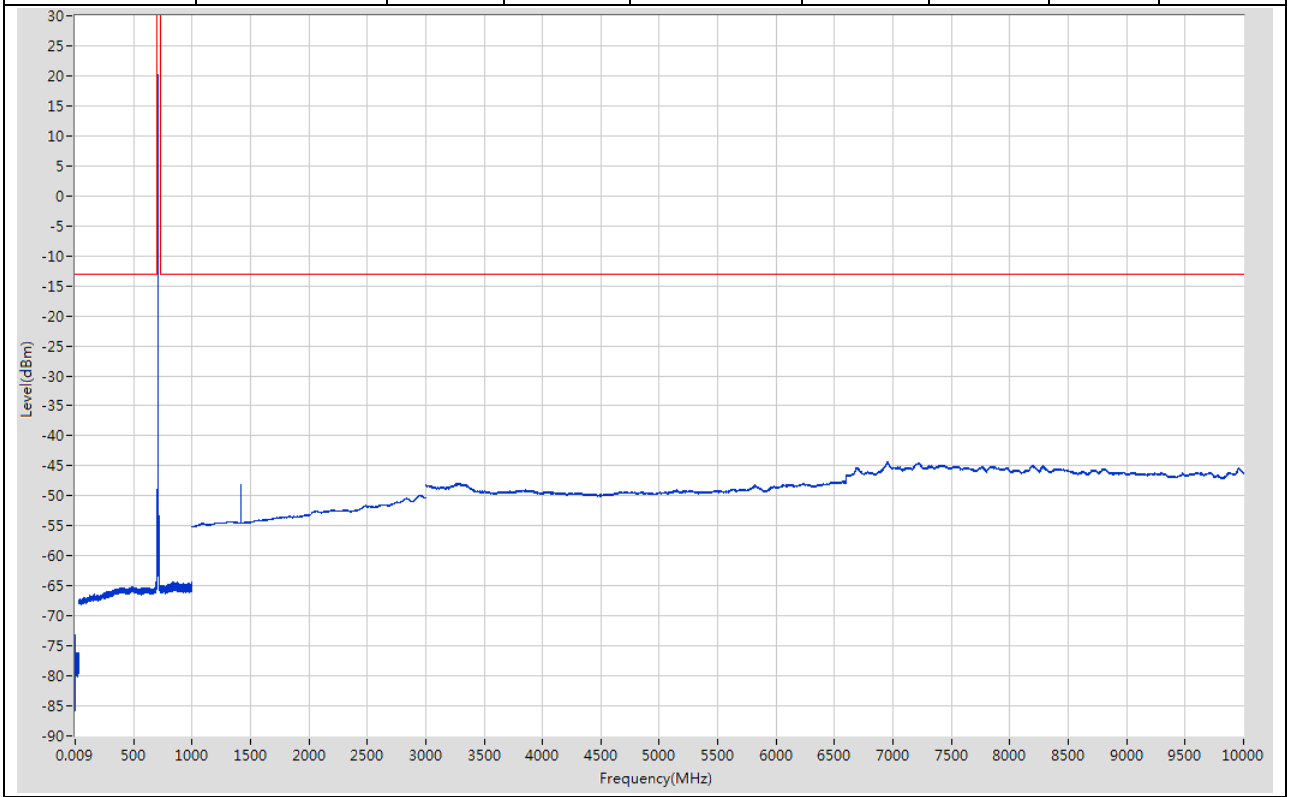
## 13.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:23755, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.62 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.64 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -64.3 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 704.32 | 19.92 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 846.744 | -64.22 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1408.204 | -48.67 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.24 | -13 | Pass | 7000 |



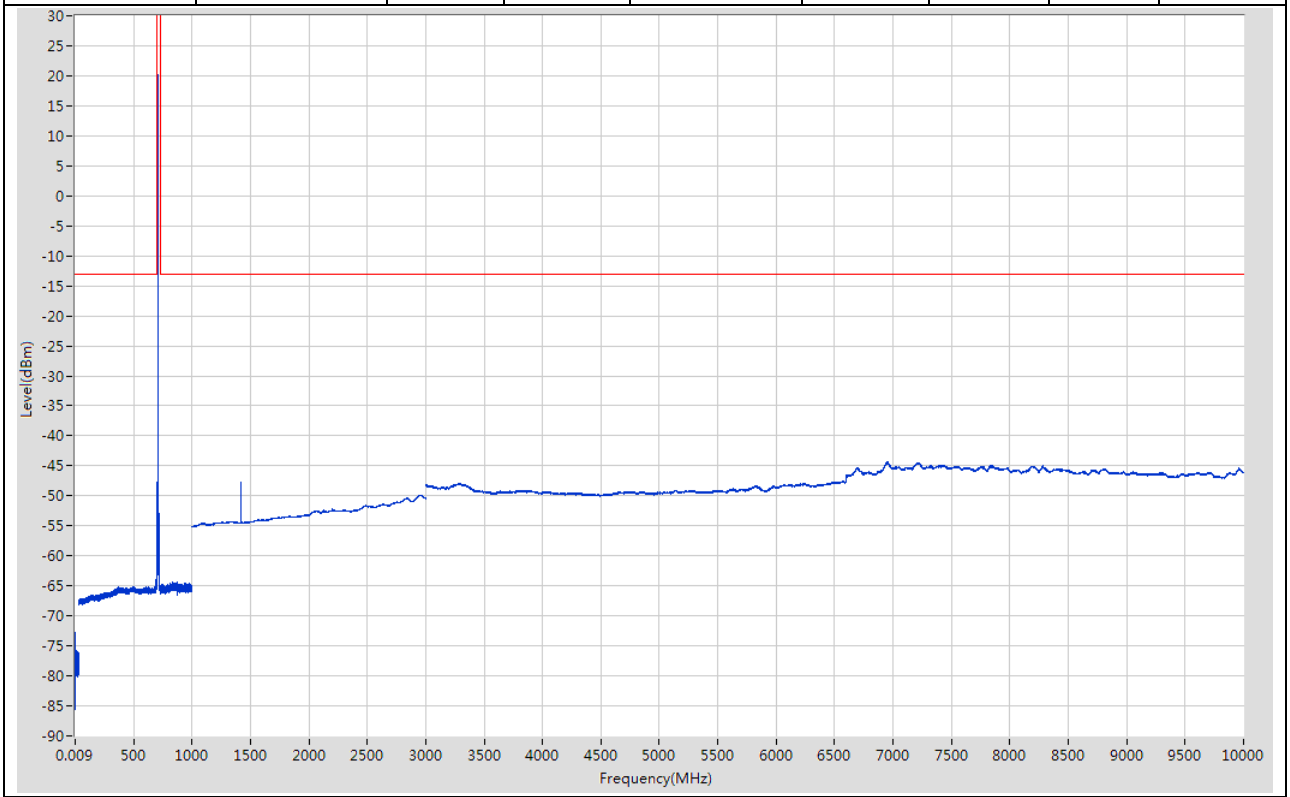
## 13.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:23790, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.66 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -73.16 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 693.6 | -64.34 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 707.84 | 20.18 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 844.943 | -64.29 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1415.208 | -48.18 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6958.566 | -44.37 | -13 | Pass | 7000 |



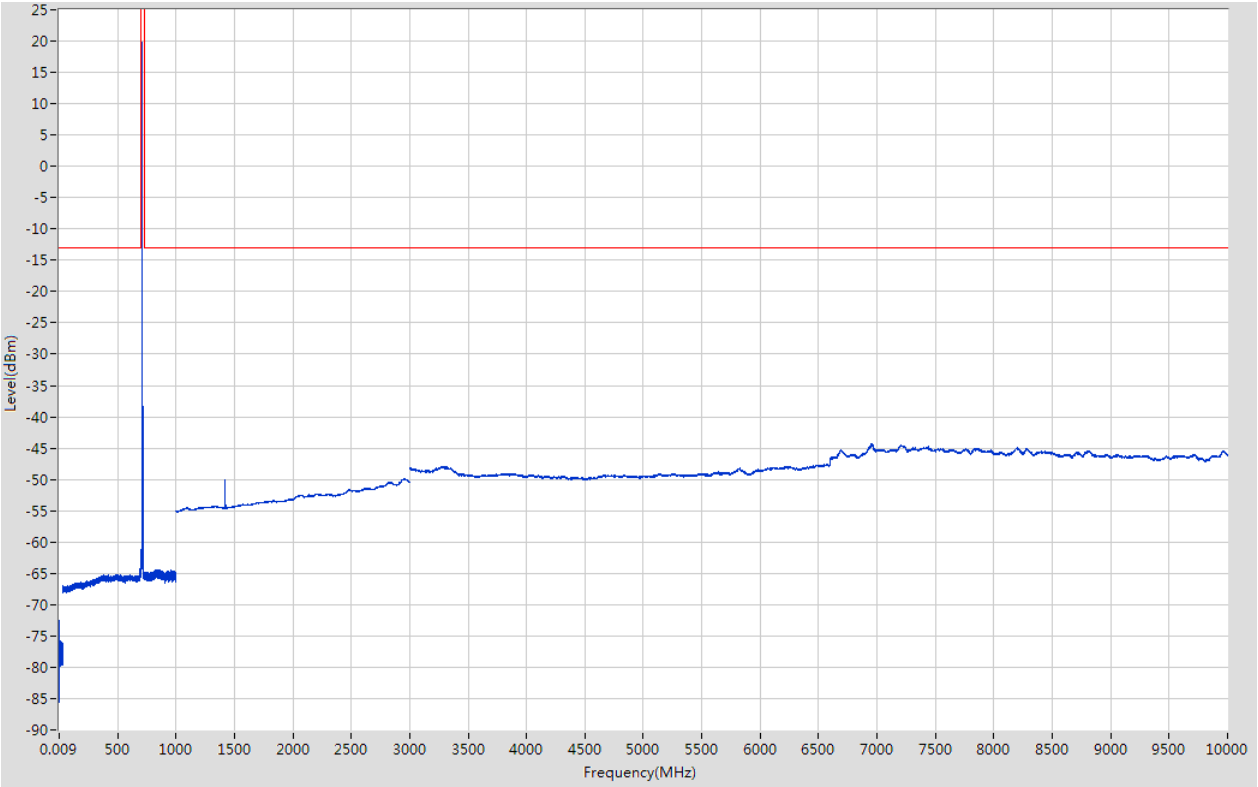
## 13.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:23790, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.64 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.72 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 693.5 | -64.05 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 707.84 | 20.23 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 833.539 | -64.31 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1415.208 | -47.66 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.35 | -13 | Pass | 7000 |



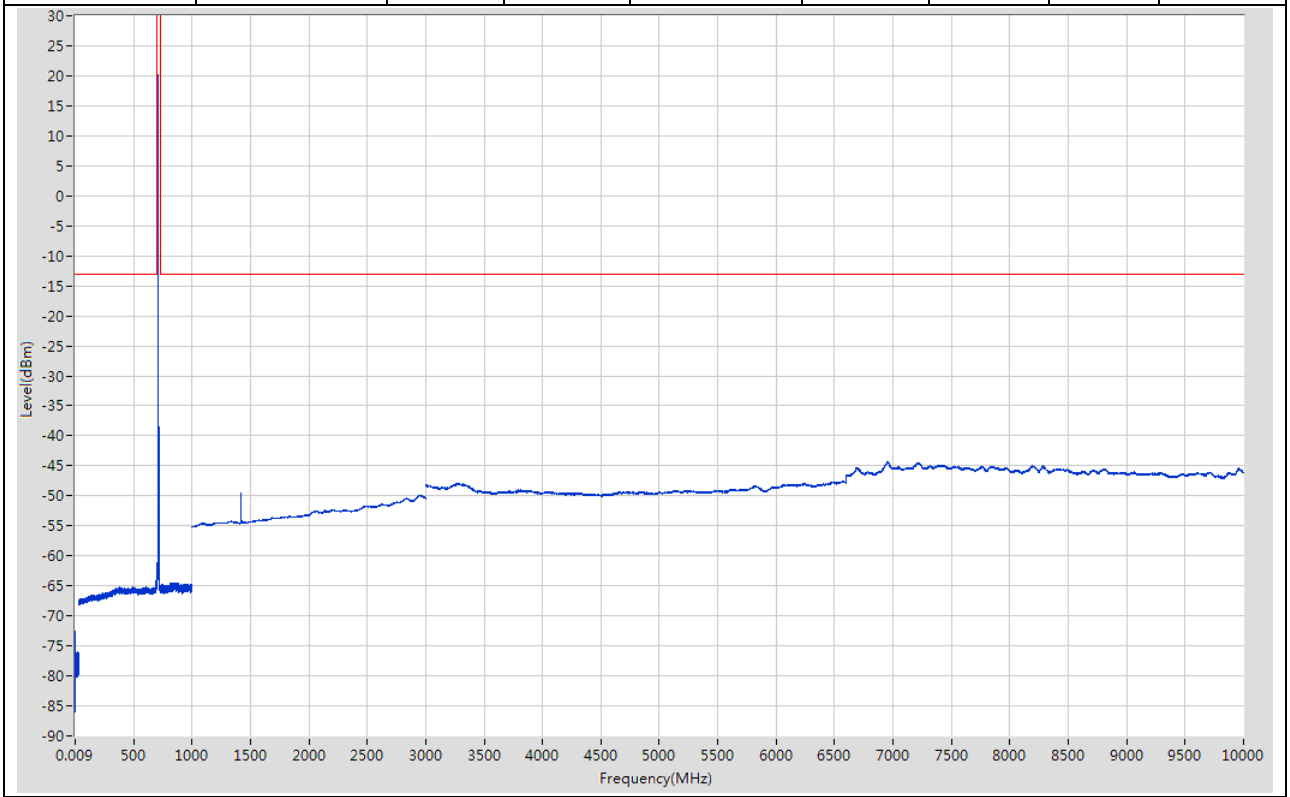
## 13.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:23825, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.5 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.22 | -72.49 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -64.24 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 711.36 | 19.83 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 847.144 | -64.41 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2944.972 | -49.89 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.34 | -13 | Pass | 7000 |



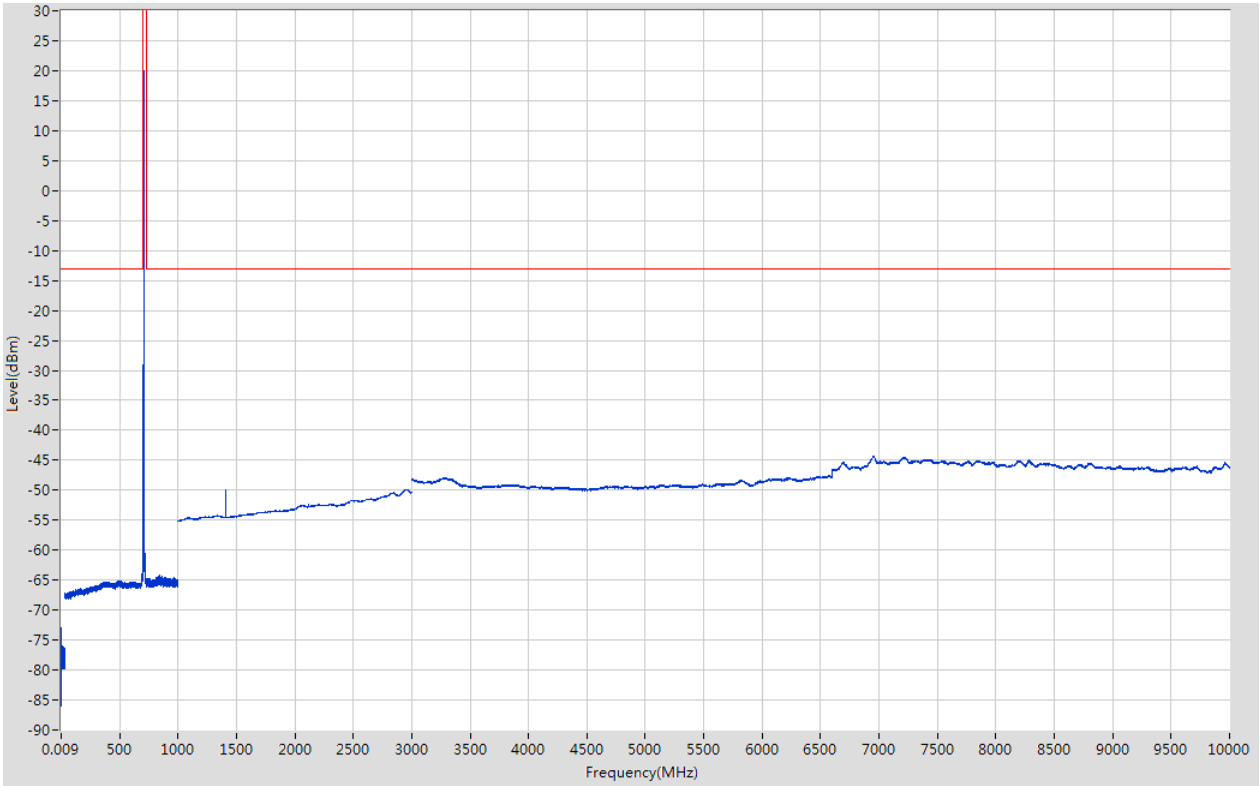
## 13.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:23825, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.25 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.62 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -64.2 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 711.36 | 20.14 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 828.637 | -64.48 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1422.211 | -49.46 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6956.565 | -44.32 | -13 | Pass | 7000 |



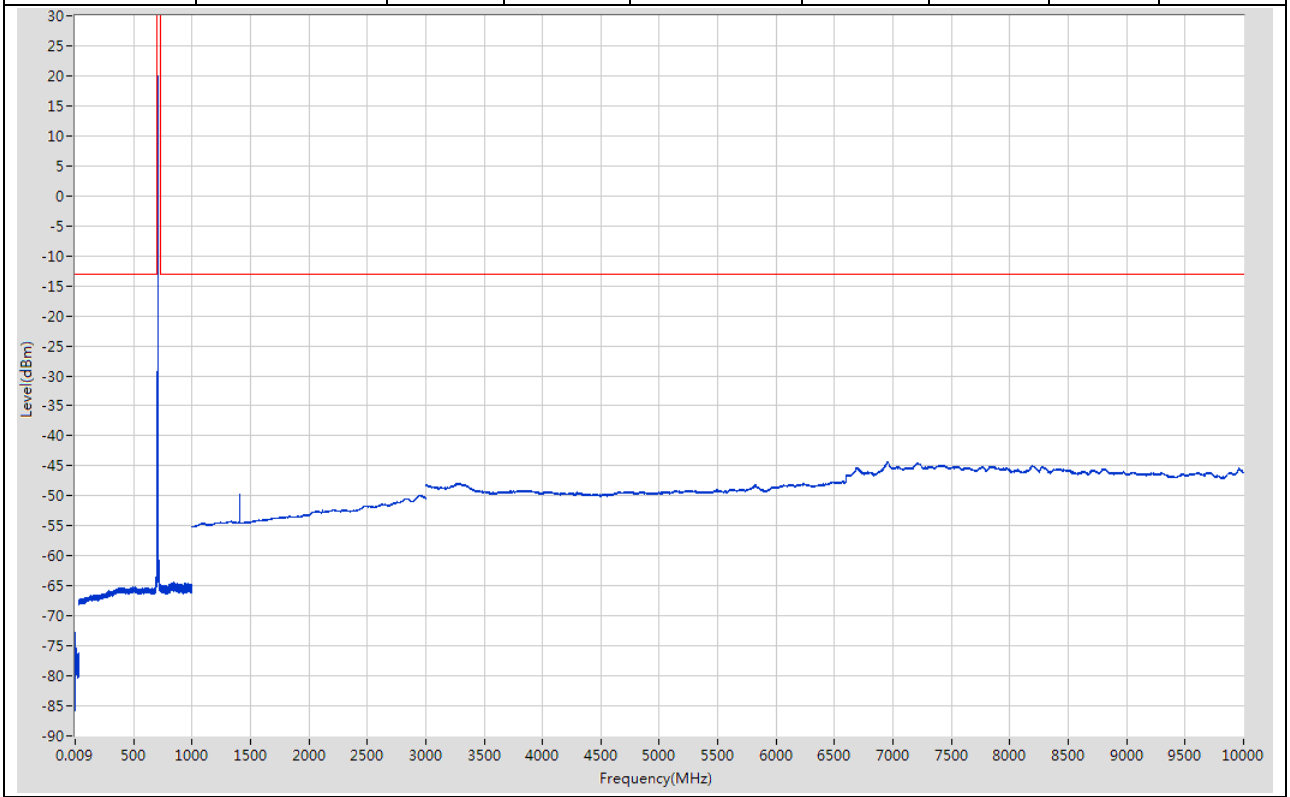
## 13.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:23780, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.92 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.97 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -63.88 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 704.56 | 20 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 845.043 | -64.19 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1408.204 | -49.85 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.32 | -13 | Pass | 7000 |



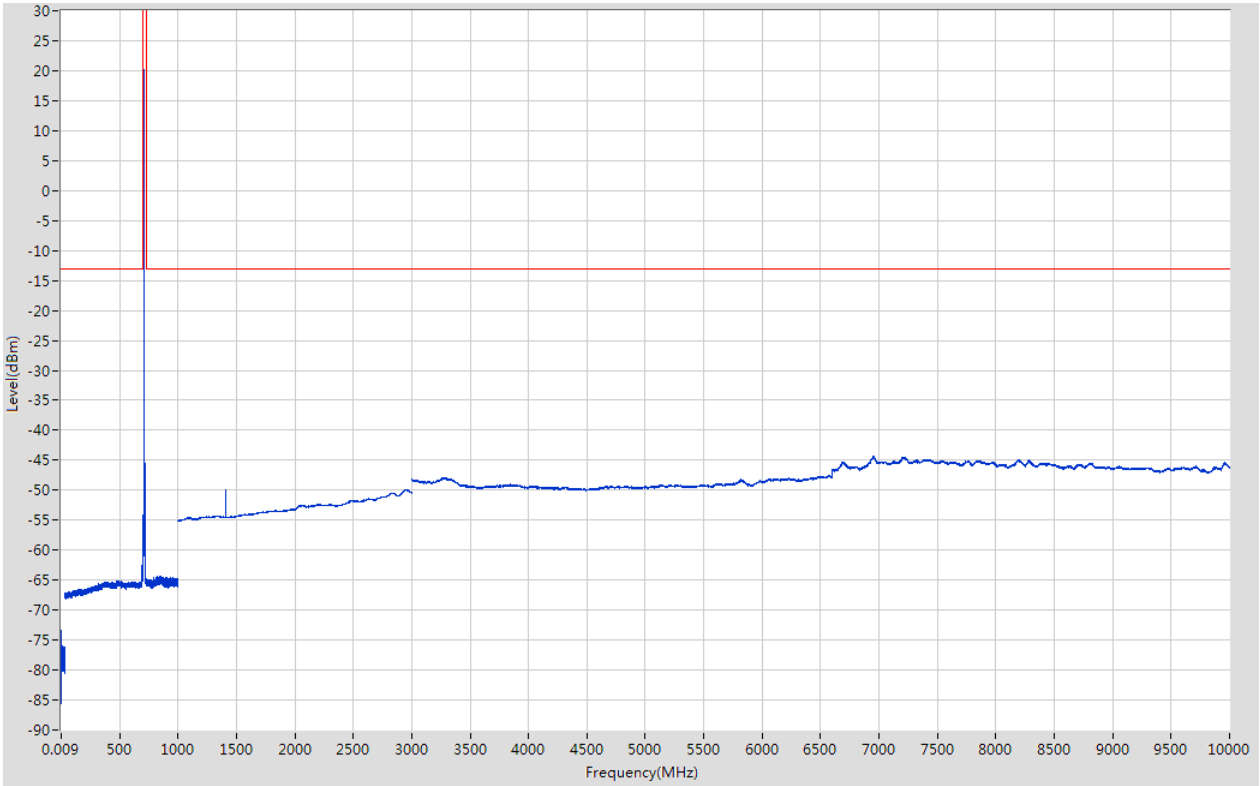
## 13.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:23780, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.24 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.32 | -72.84 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -63.55 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 704.56 | 20.08 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 839.742 | -64.45 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1408.204 | -49.71 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6958.566 | -44.35 | -13 | Pass | 7000 |



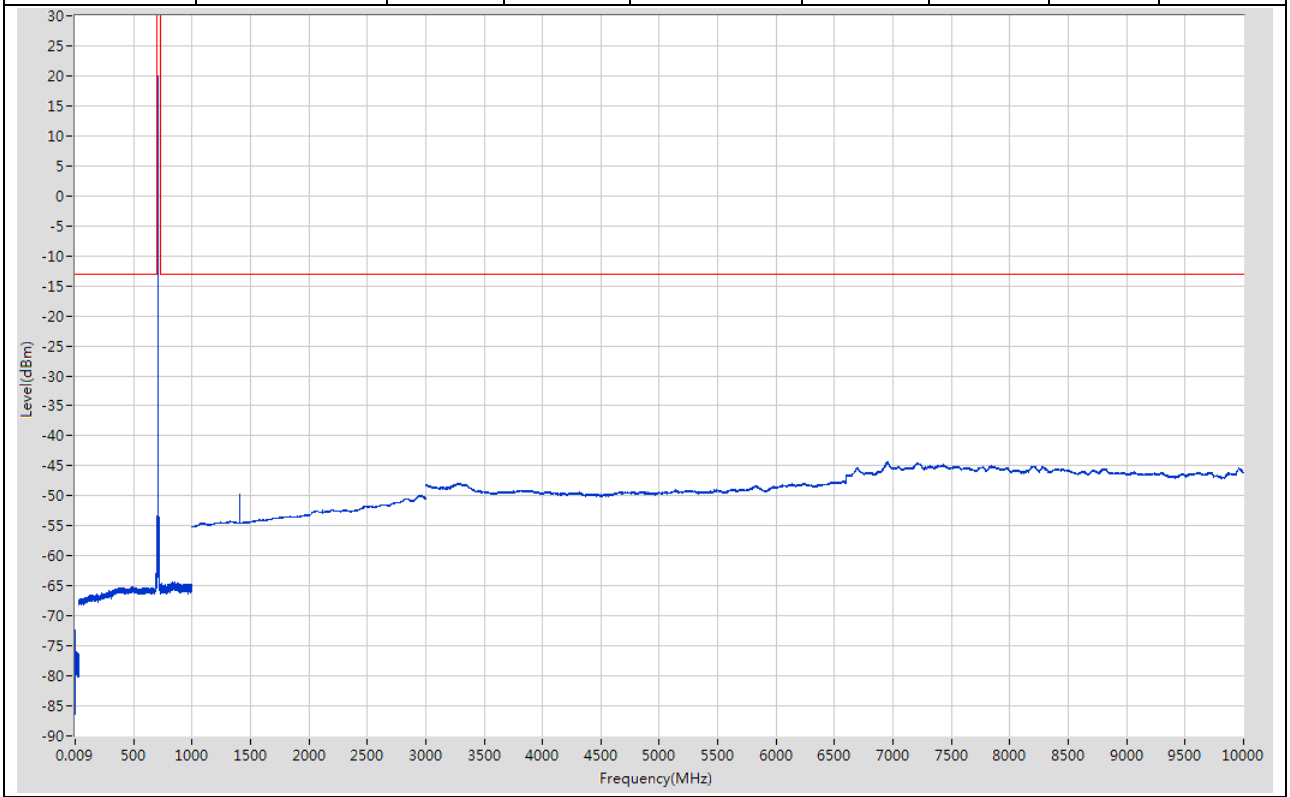
## 13.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:23790, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.2 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -73.29 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -62.55 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 705.6 | 20.2 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 819.634 | -64.39 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 2948.974 | -49.88 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6958.566 | -44.31 | -13 | Pass | 7000 |



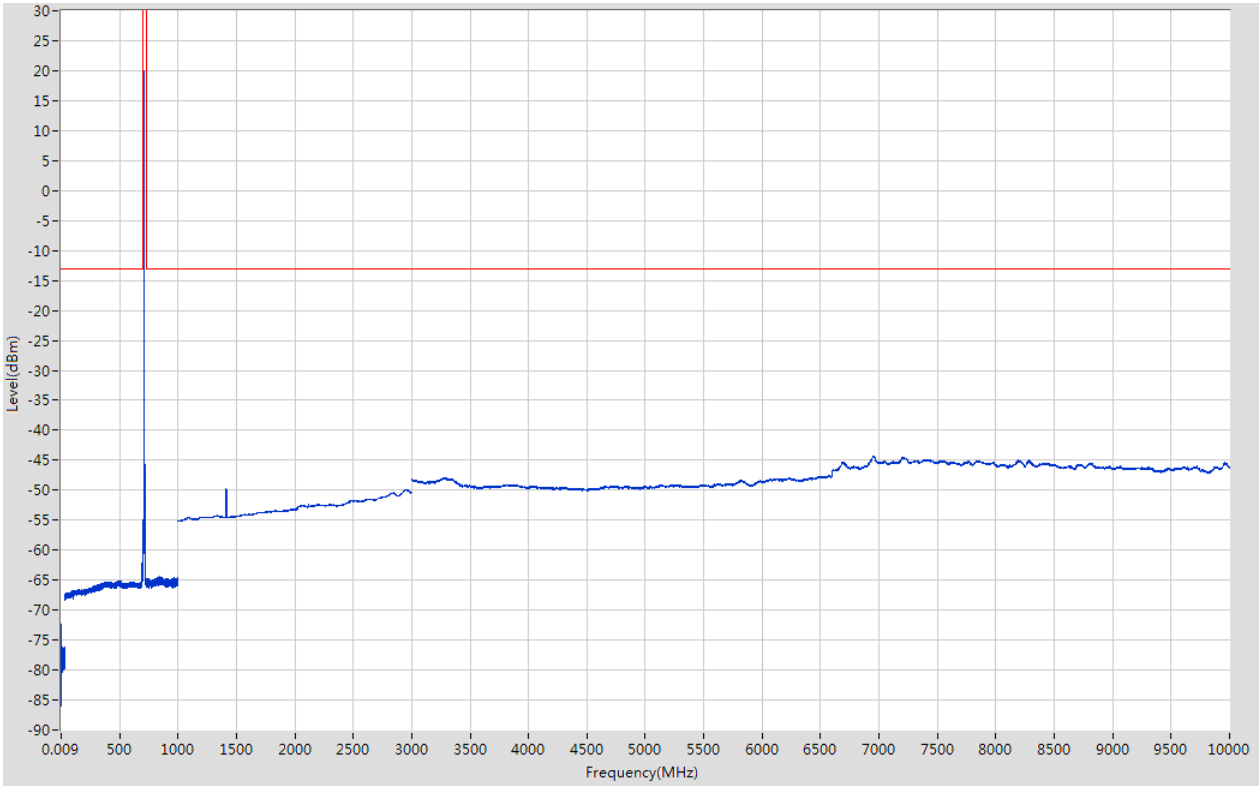
## 13.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:23790, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.53 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.39 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 691.2 | -62.87 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 705.6 | 20.02 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 831.739 | -64.35 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1410.205 | -49.67 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.28 | -13 | Pass | 7000 |



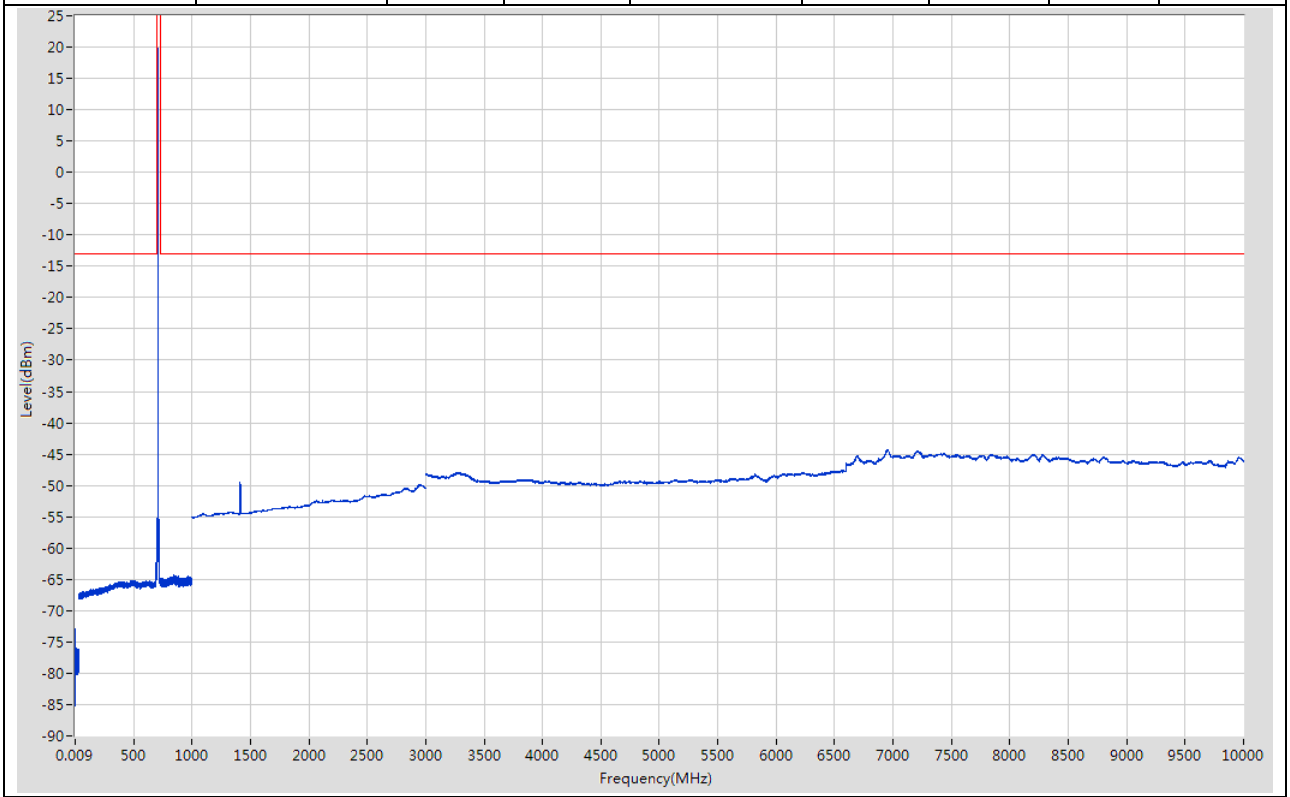
## 13.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:23800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.88 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.45 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 692.2 | -62.11 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 706.56 | 20.06 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 844.843 | -64.29 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -49.71 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.34 | -13 | Pass | 7000 |



## 13.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:23800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

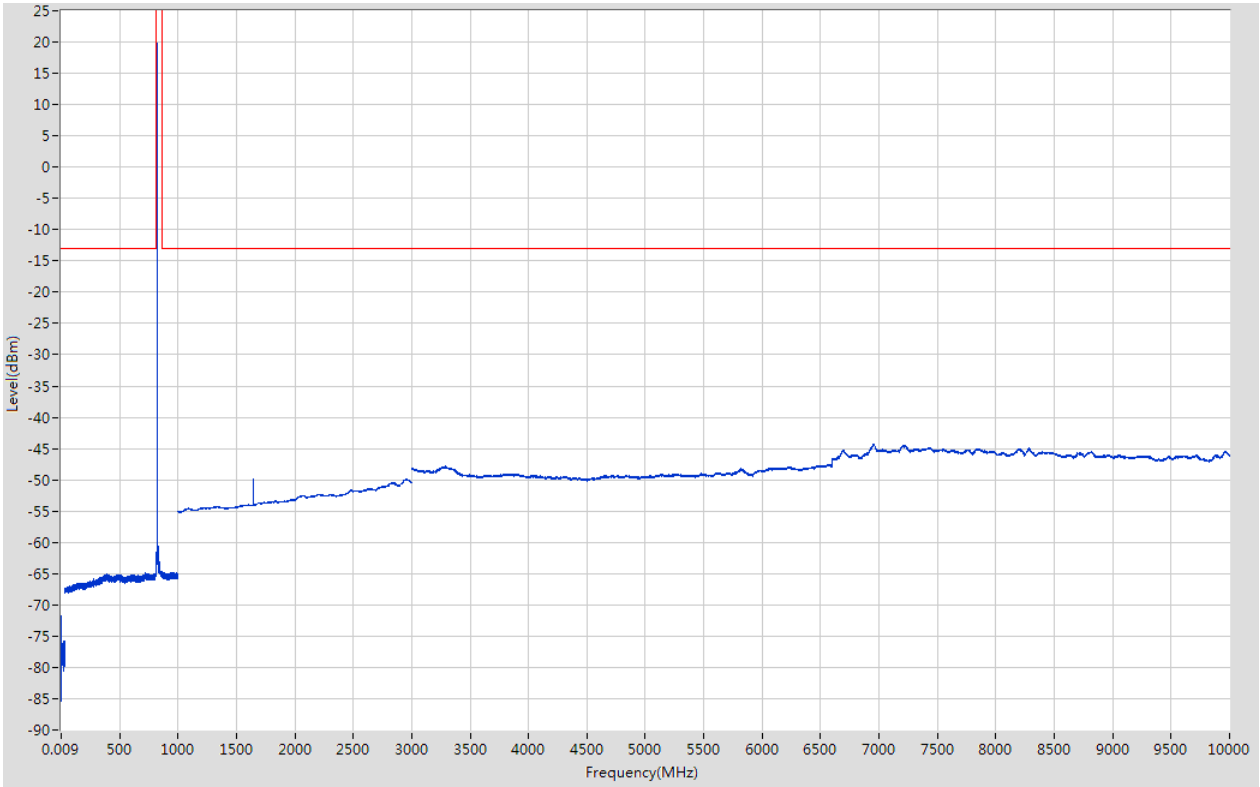
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.89 | -13 | Pass | 2985 |
| 30 | 694 | 0.1 | RMS | 692.3 | -62.41 | -13 | Pass | 6640 |
| 694 | 726 | 0.1 | RMS | 706.56 | 19.85 | 60 | Pass | 401 |
| 726 | 1000 | 0.1 | RMS | 845.544 | -64.29 | -13 | Pass | 2740 |
| 1000 | 3000 | 1 | RMS | 1412.206 | -49.54 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6950.564 | -44.34 | -13 | Pass | 7000 |



# 14. LTE_Band26(part22)

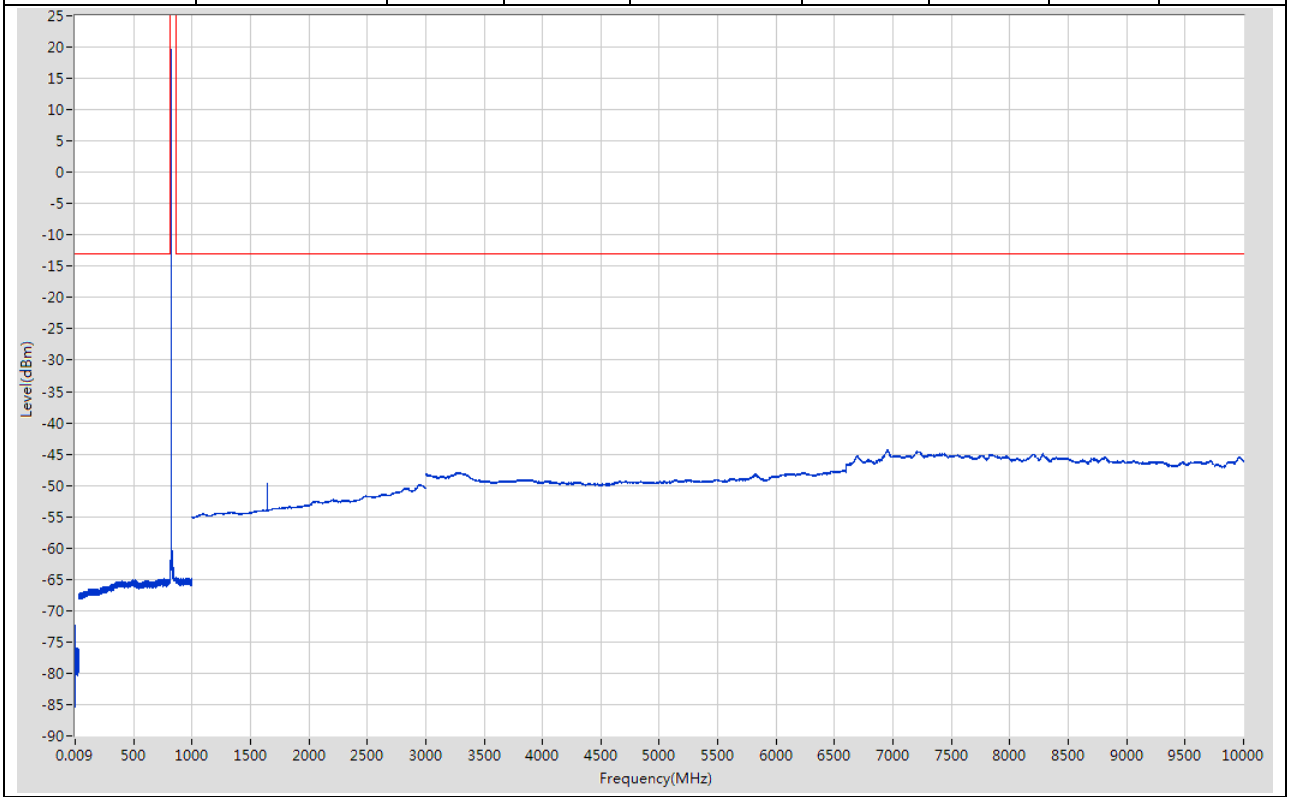
## 14.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:26797, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.78 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 814 | -64.3 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 19.88 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.1 | -64.65 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.86 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.31 | -13 | Pass | 7000 |



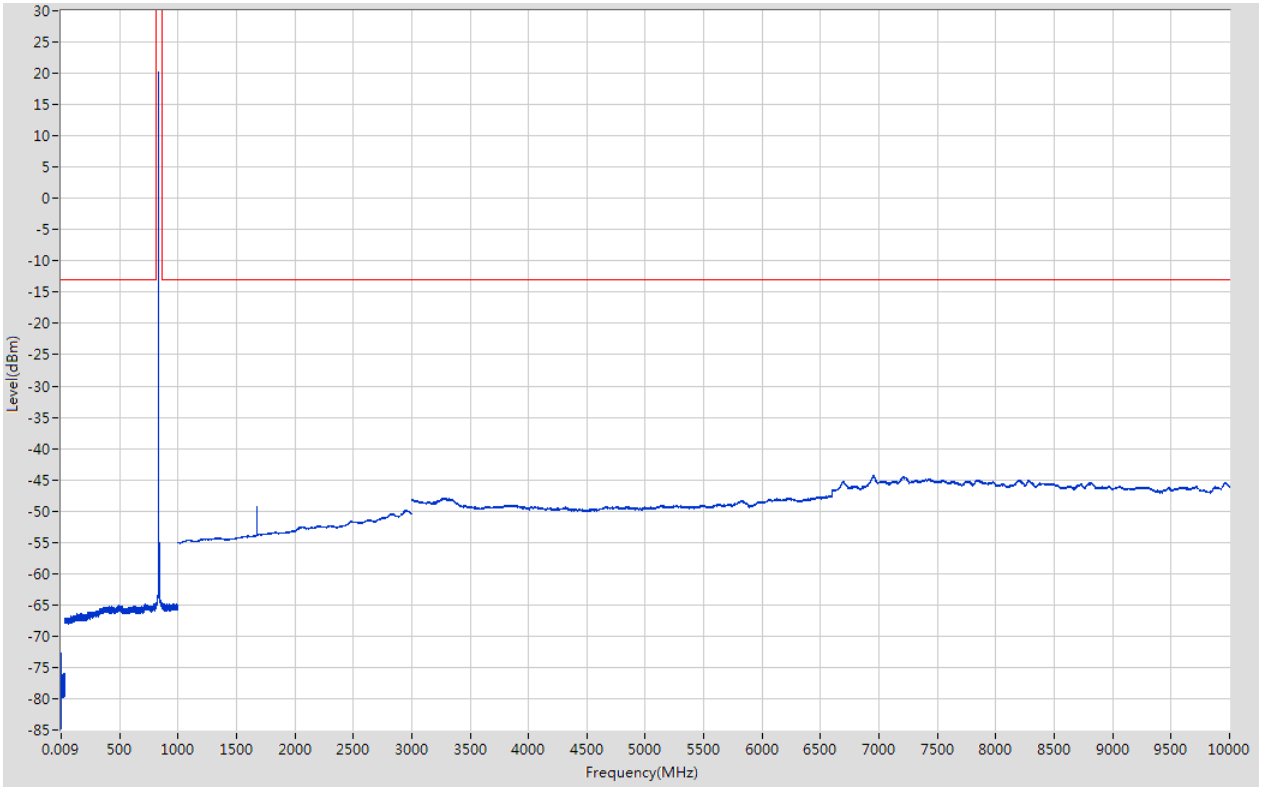
## 14.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:26797, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.37 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.3 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.6 | -63.65 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 19.62 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 861.401 | -64.74 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.74 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.26 | -13 | Pass | 7000 |



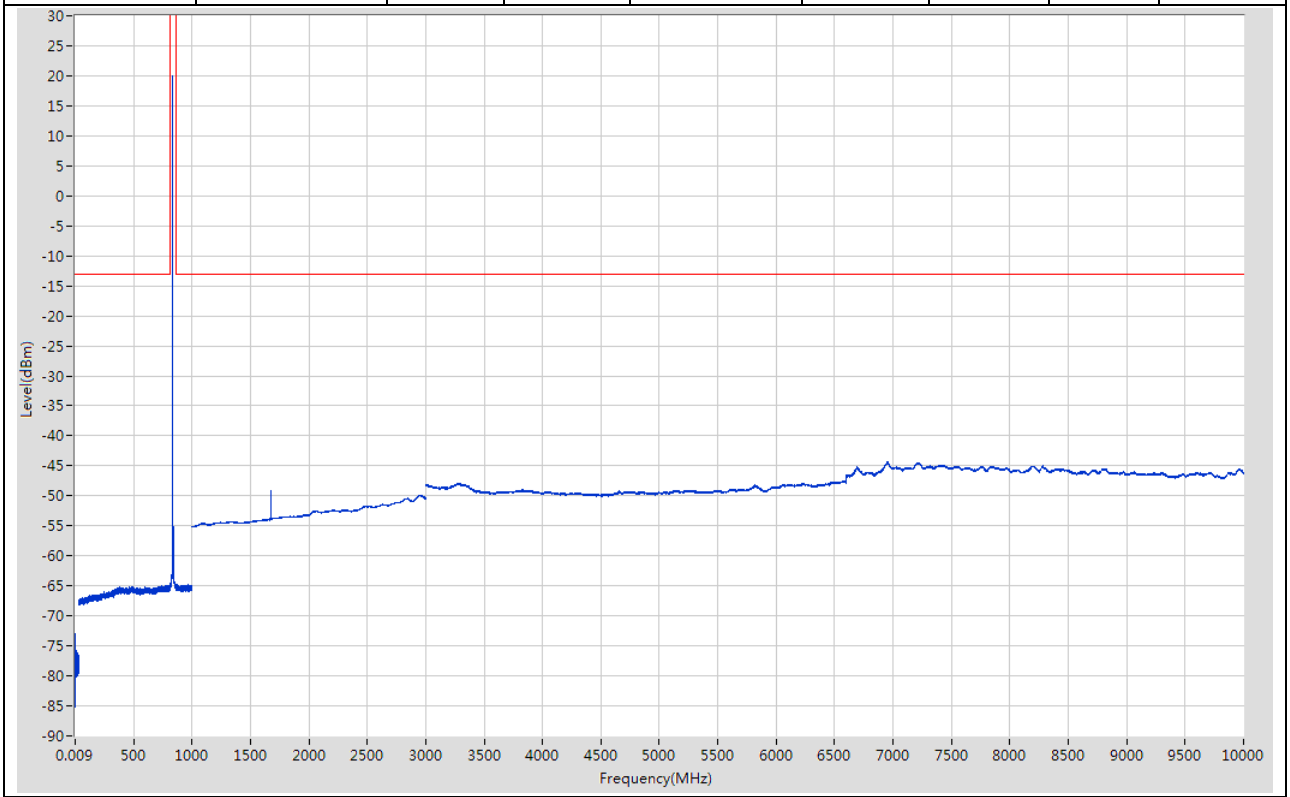
## 14.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:26915, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.71 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813 | -64.7 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 836.048 | 20.13 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 862.802 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1671.336 | -49.27 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.36 | -13 | Pass | 7000 |



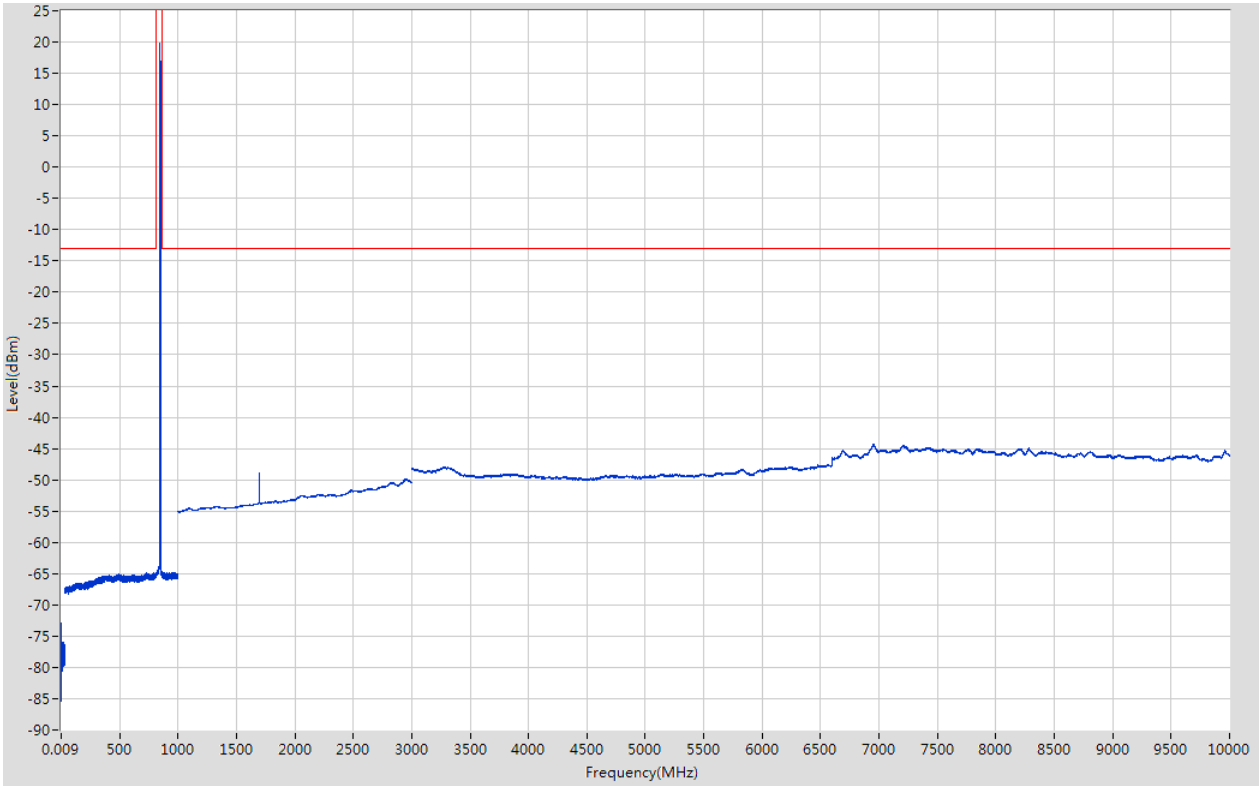
## 14.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:26915, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.2 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.88 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 810.9 | -64.63 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 836.048 | 20.04 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 867.405 | -64.76 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1671.336 | -49.08 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.32 | -13 | Pass | 7000 |



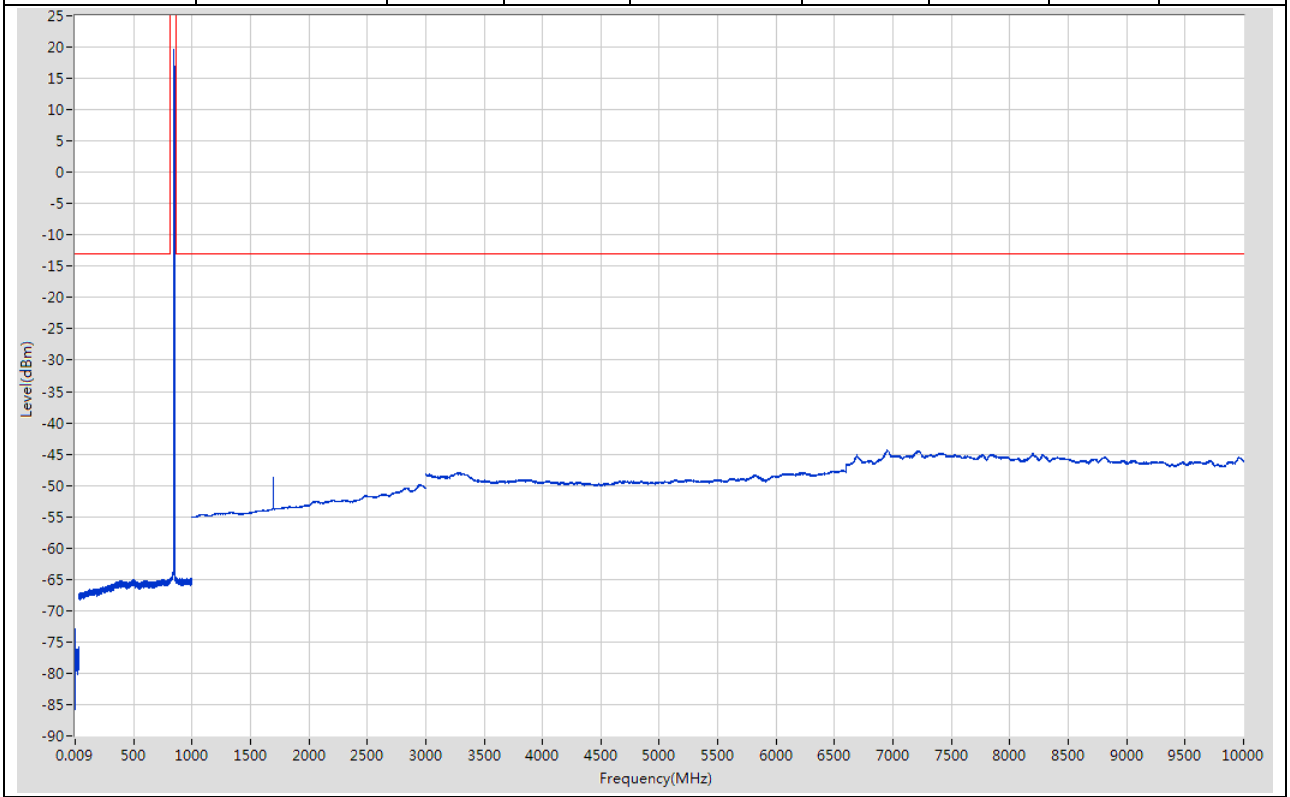
## 14.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:27033, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.52 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.94 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 810.1 | -64.85 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 847.874 | 19.79 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 864.403 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1695.348 | -48.87 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.28 | -13 | Pass | 7000 |



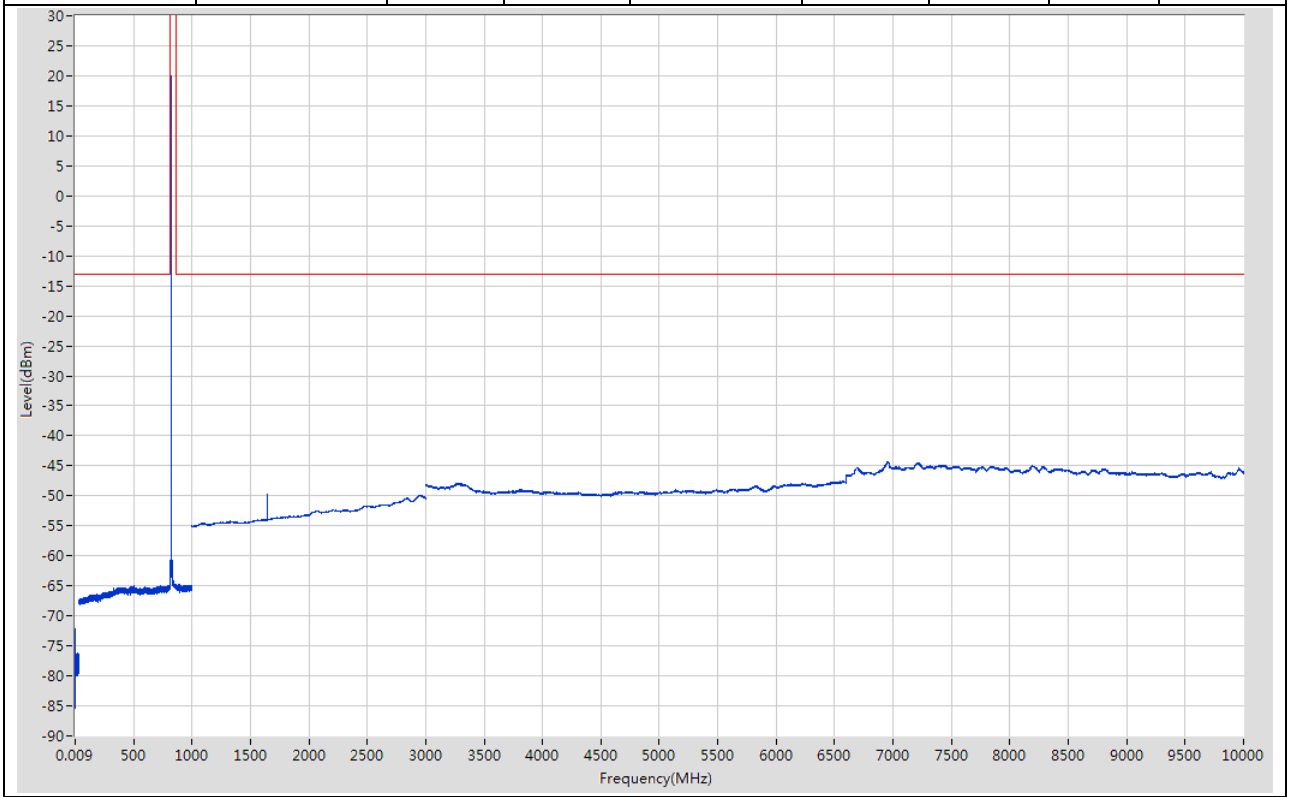
## 14.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:27033, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.82 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 809.499 | -64.77 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 847.874 | 19.71 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 863.402 | -64.72 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1695.348 | -48.65 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.37 | -13 | Pass | 7000 |



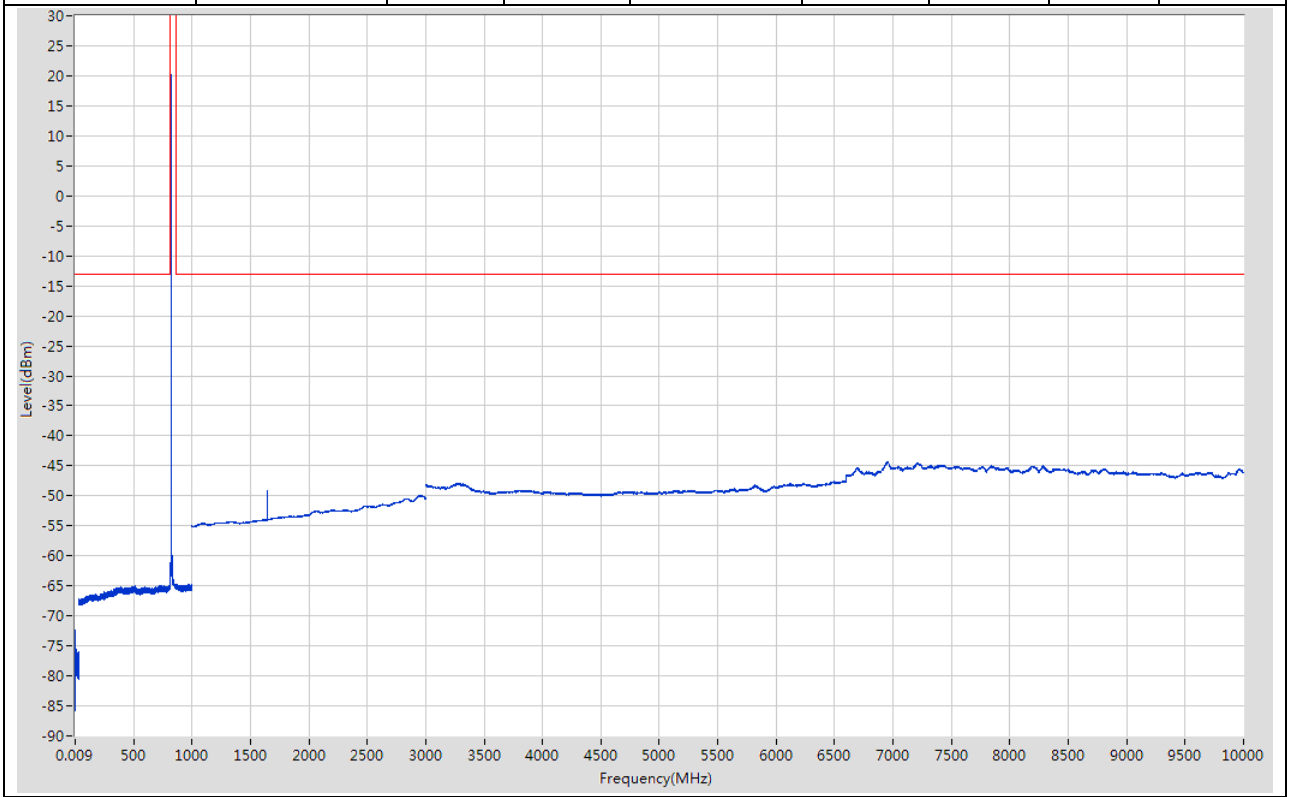
## 14.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:26805, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.81 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.25 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.1 | -64.42 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 20.08 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 894.224 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.73 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.32 | -13 | Pass | 7000 |



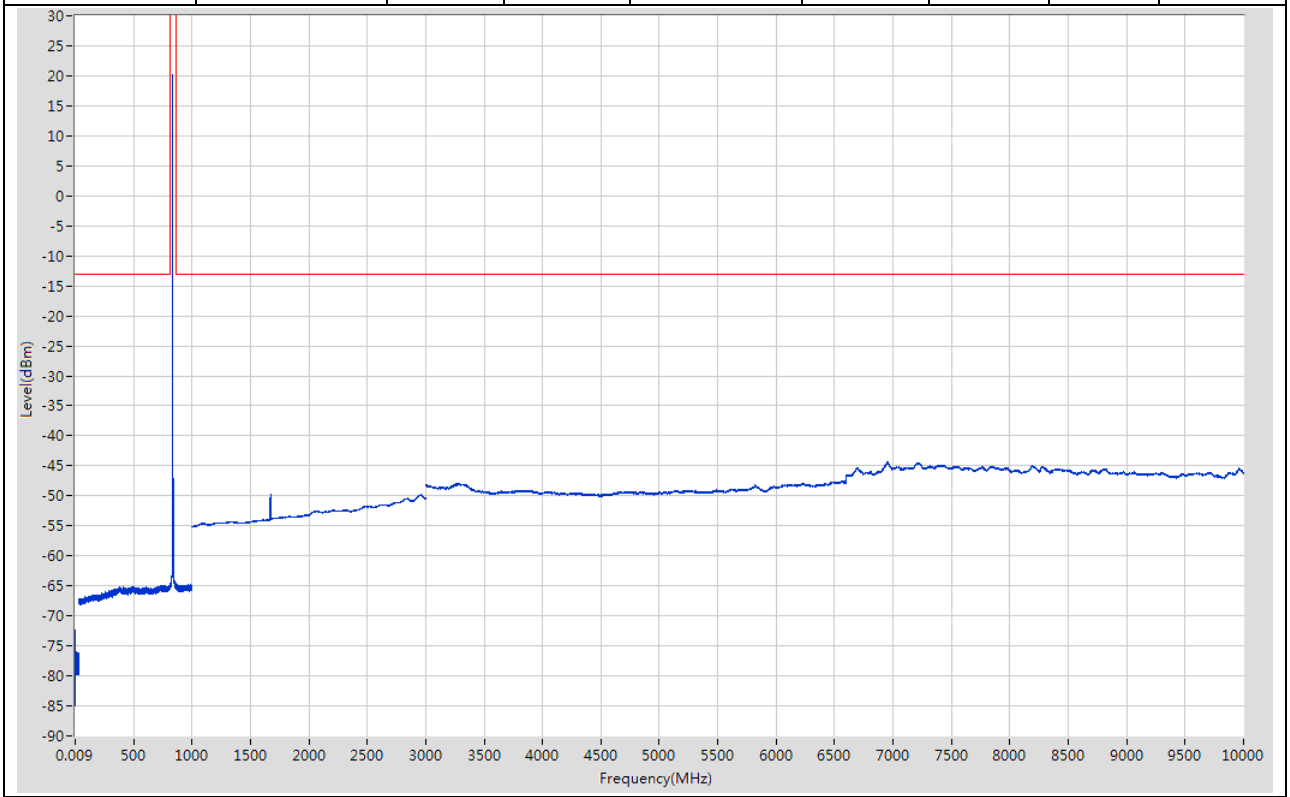
## 14.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:26805, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.87 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.37 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.5 | -63.92 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.222 | 20.15 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 870.608 | -64.66 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.2 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.33 | -13 | Pass | 7000 |



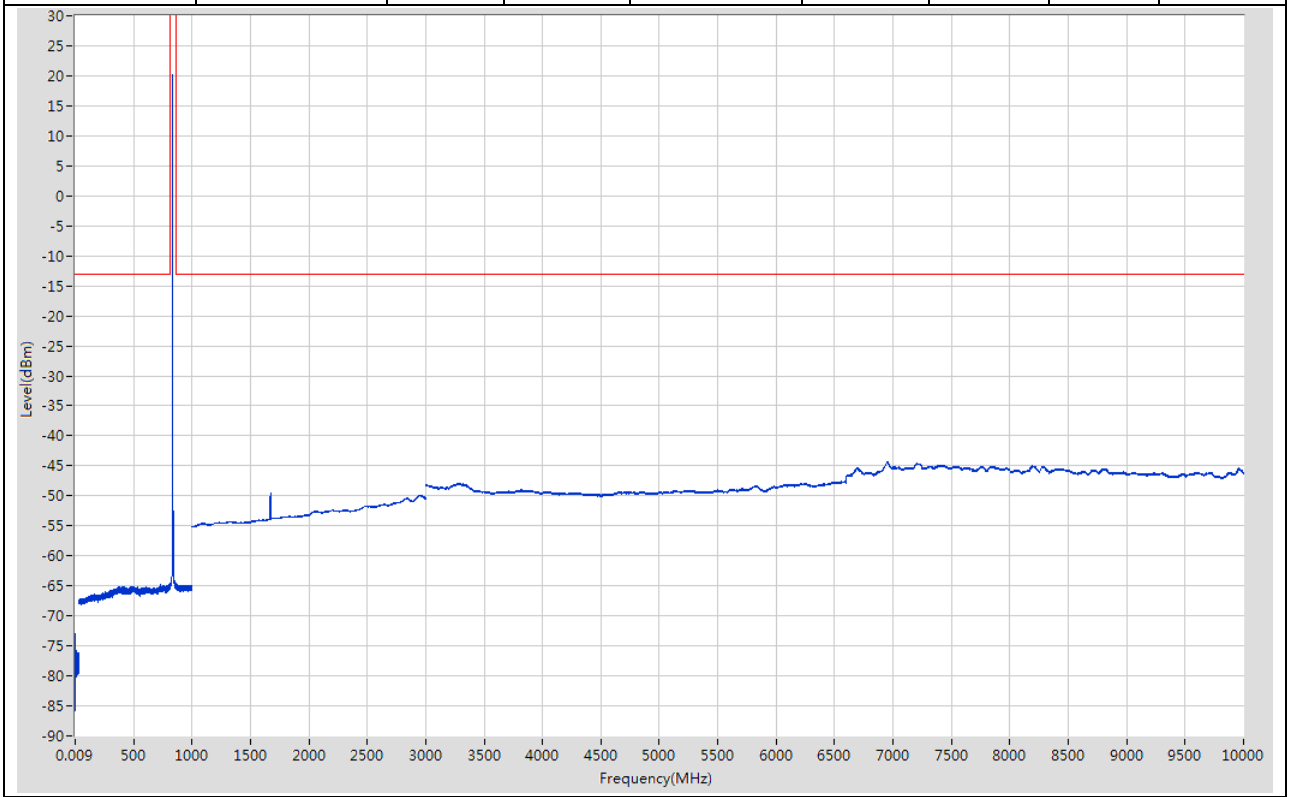
## 14.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:26915, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.11 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.31 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.4 | -64.61 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 835.246 | 20.27 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 861.301 | -64.62 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1670.335 | -49.66 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.3 | -13 | Pass | 7000 |



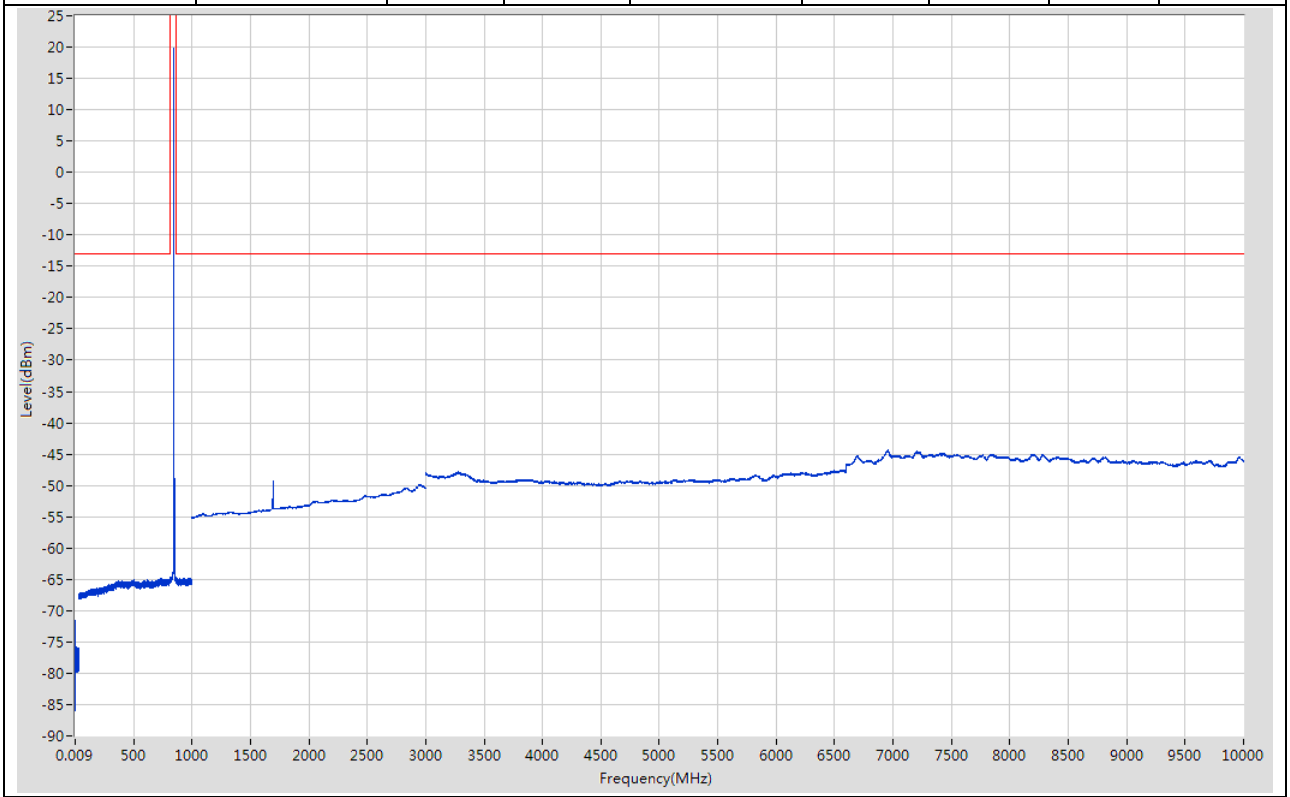
## 14.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:26915, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.57 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.98 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.5 | -64.61 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 835.246 | 20.2 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 868.306 | -64.64 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1670.335 | -49.46 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6948.564 | -44.3 | -13 | Pass | 7000 |



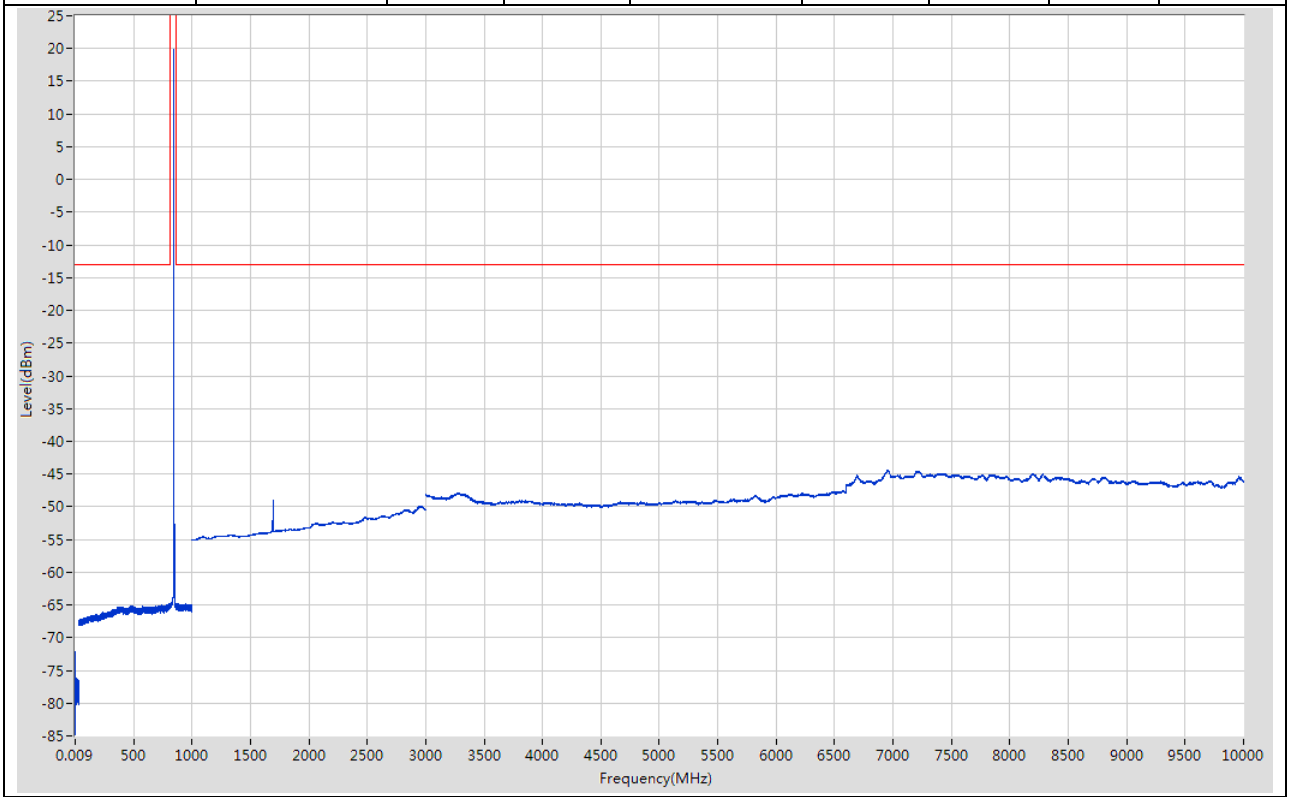
## 14.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:27025, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.07 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.47 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.3 | -64.68 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 846.27 | 19.84 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 864.803 | -64.63 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1692.346 | -49.38 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.32 | -13 | Pass | 7000 |



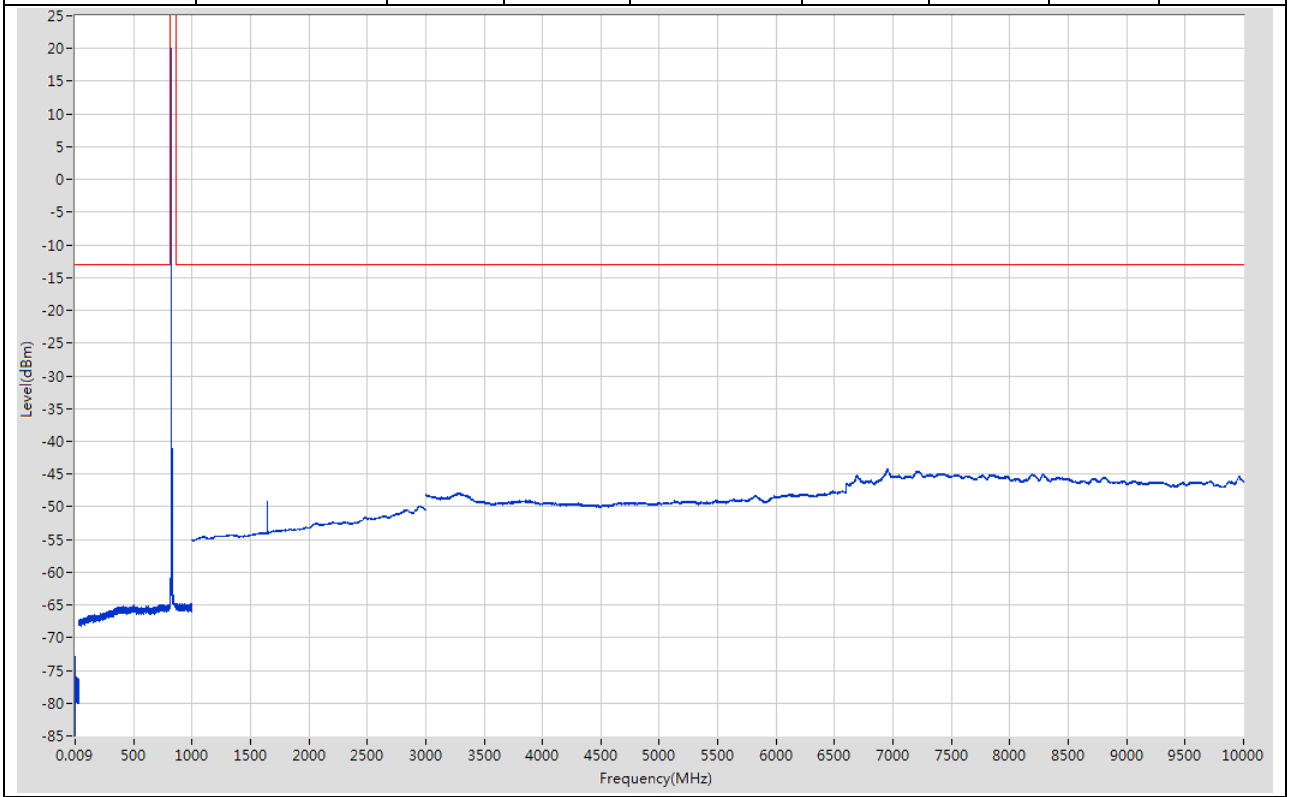
## 14.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:27025, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.03 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.17 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 808.499 | -64.78 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 846.27 | 19.87 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.5 | -64.73 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1692.346 | -48.94 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6956.565 | -44.37 | -13 | Pass | 7000 |



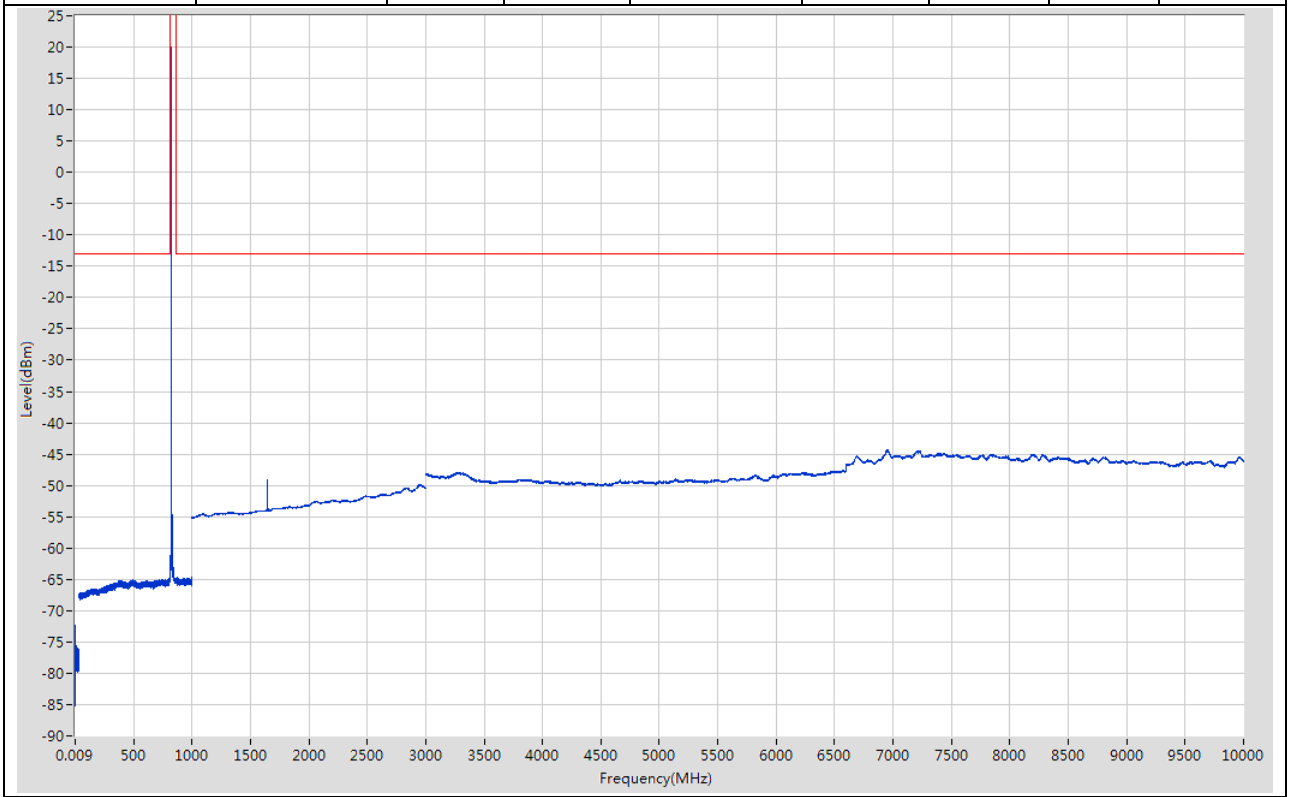
## 14.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:26815, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.96 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.7 | -64.17 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.322 | 19.98 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 868.006 | -64.75 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.26 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6955.565 | -44.28 | -13 | Pass | 7000 |



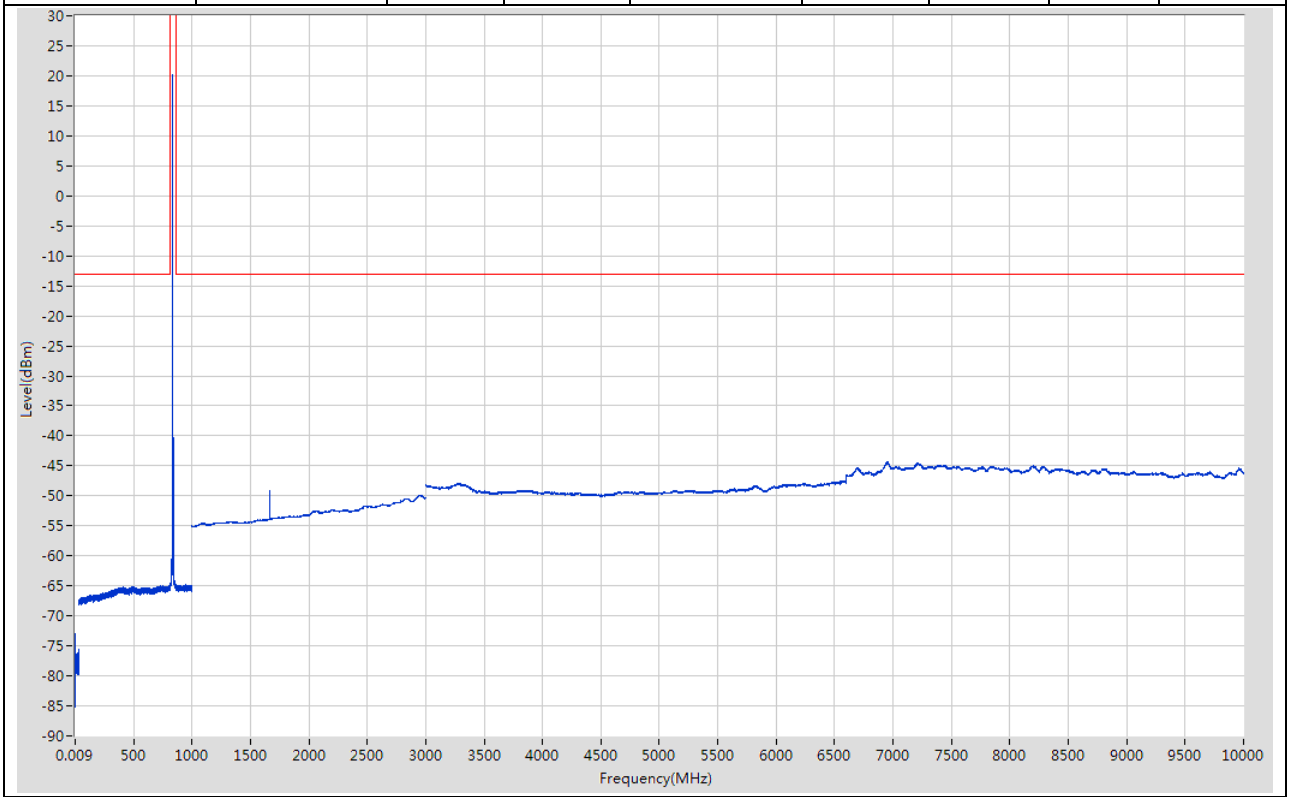
## 14.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:26815, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.43 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.29 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -64.18 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.322 | 19.93 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 994.096 | -64.74 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.08 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.33 | -13 | Pass | 7000 |



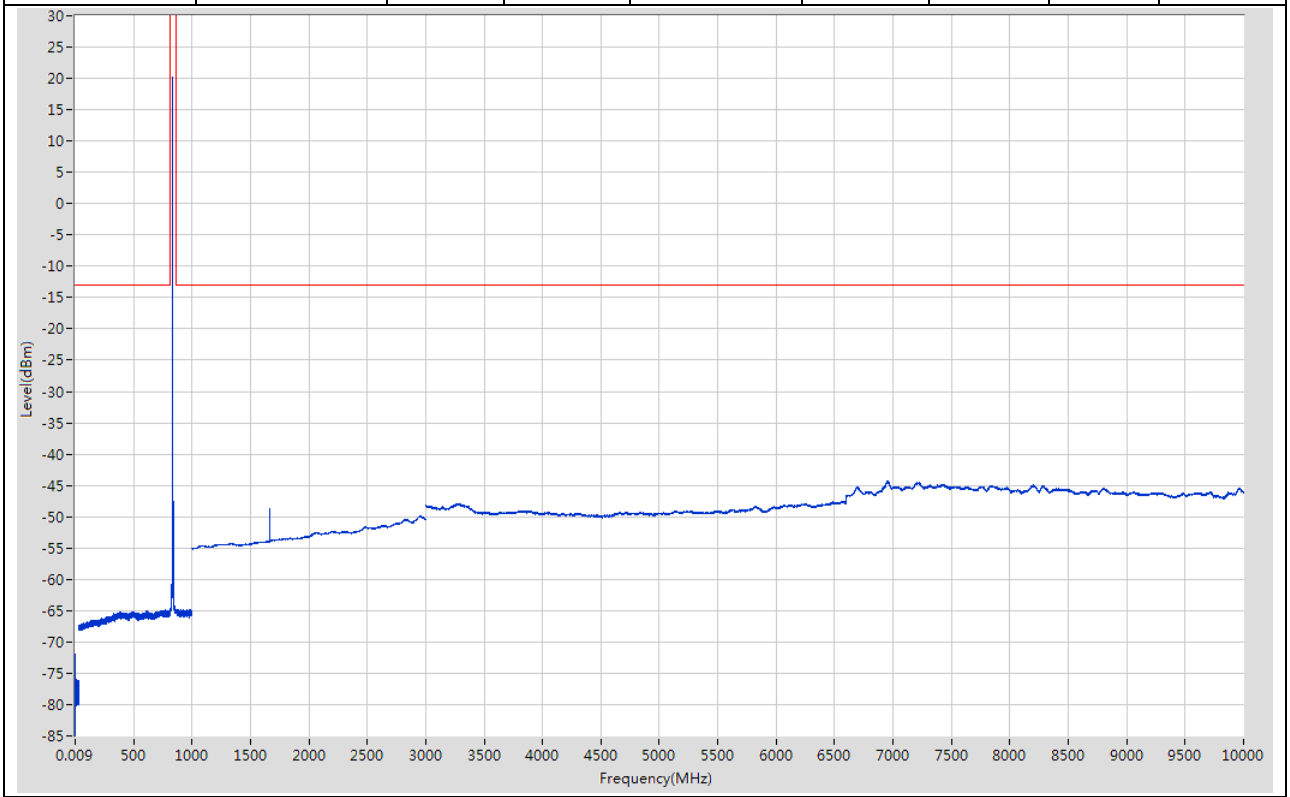
## 14.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:26915, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.41 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.88 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -64.53 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.344 | 20.21 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 865.104 | -64.66 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1668.334 | -49.21 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6956.565 | -44.31 | -13 | Pass | 7000 |



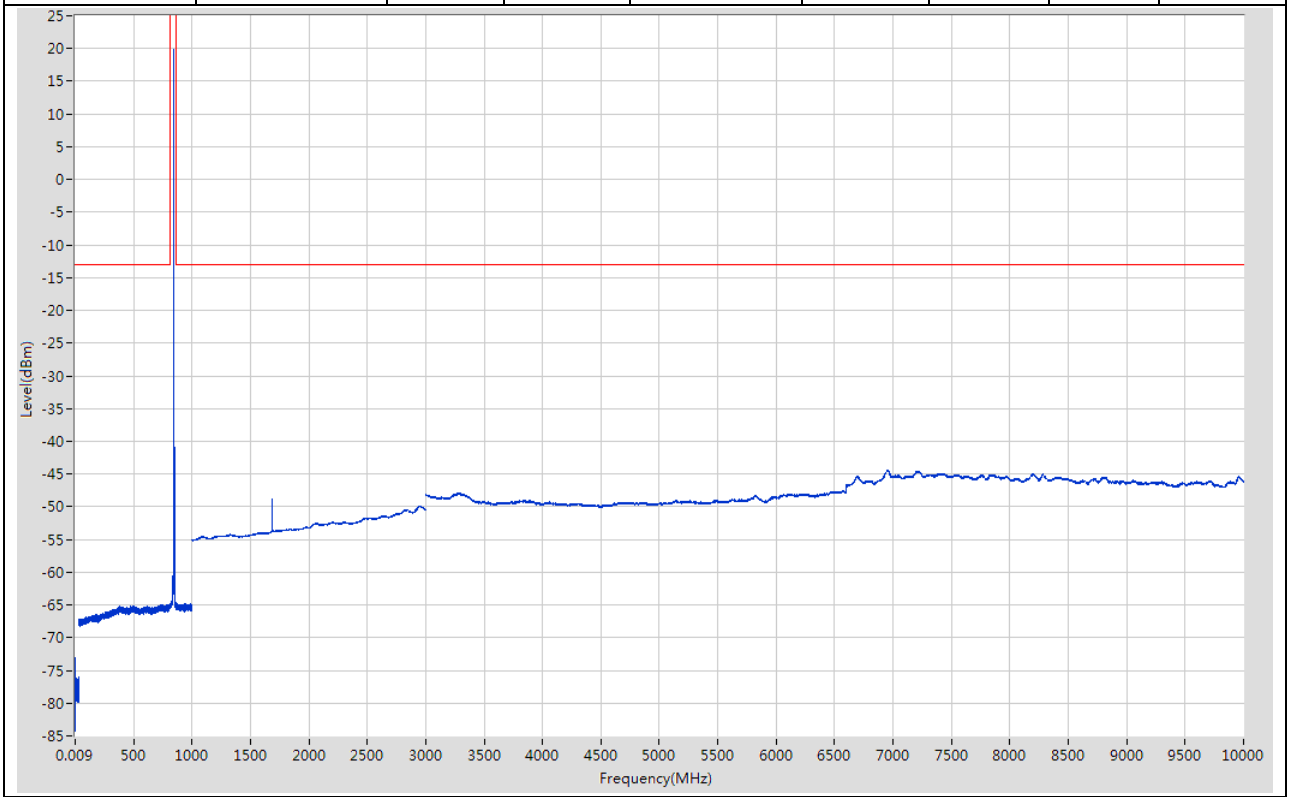
## 14.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:26915, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.61 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -71.94 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813 | -64.74 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.344 | 20.26 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 877.012 | -64.76 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1668.334 | -48.79 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.25 | -13 | Pass | 7000 |



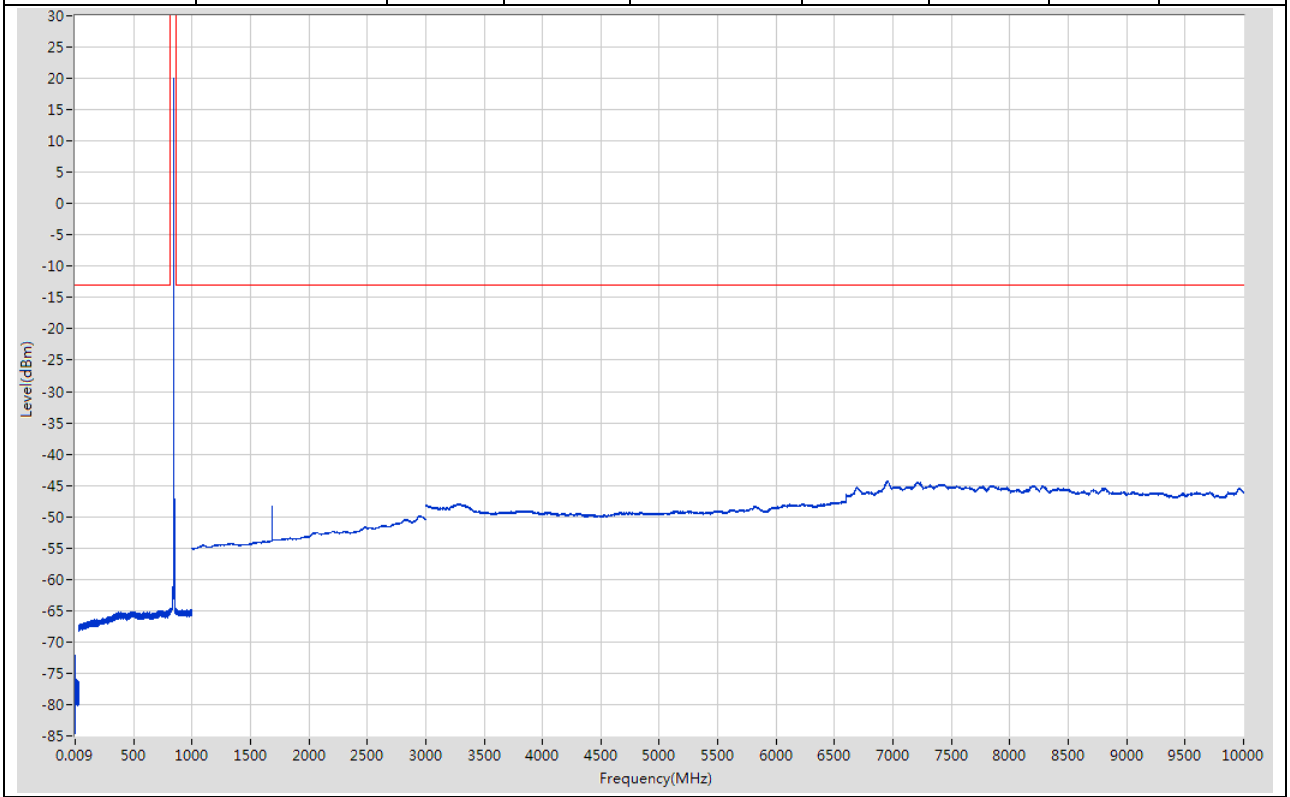
## 14.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:27015, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -73.01 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 814 | -64.88 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 844.366 | 19.78 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.3 | -64.69 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1688.344 | -48.86 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.35 | -13 | Pass | 7000 |



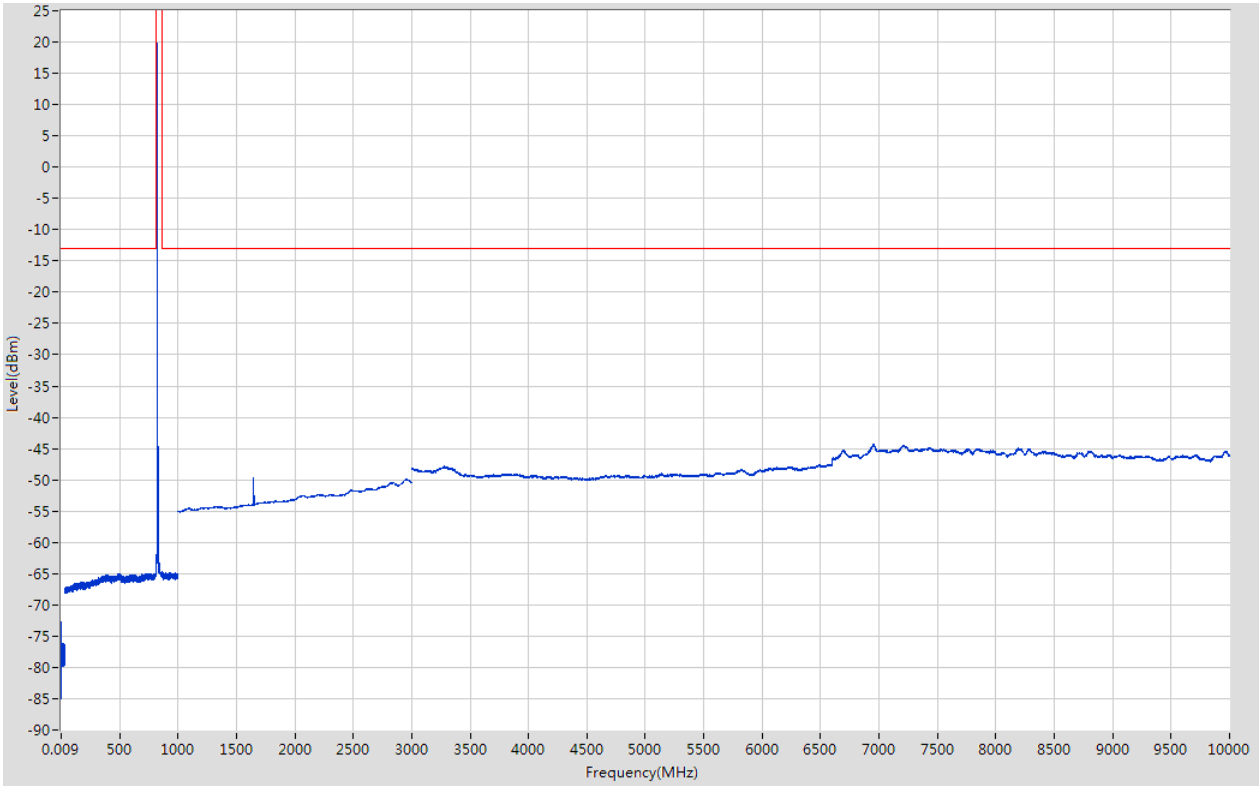
## 14.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:27015, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.64 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.15 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.3 | -64.65 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 844.366 | 20.01 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 861.801 | -64.72 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1688.344 | -48.42 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.29 | -13 | Pass | 7000 |



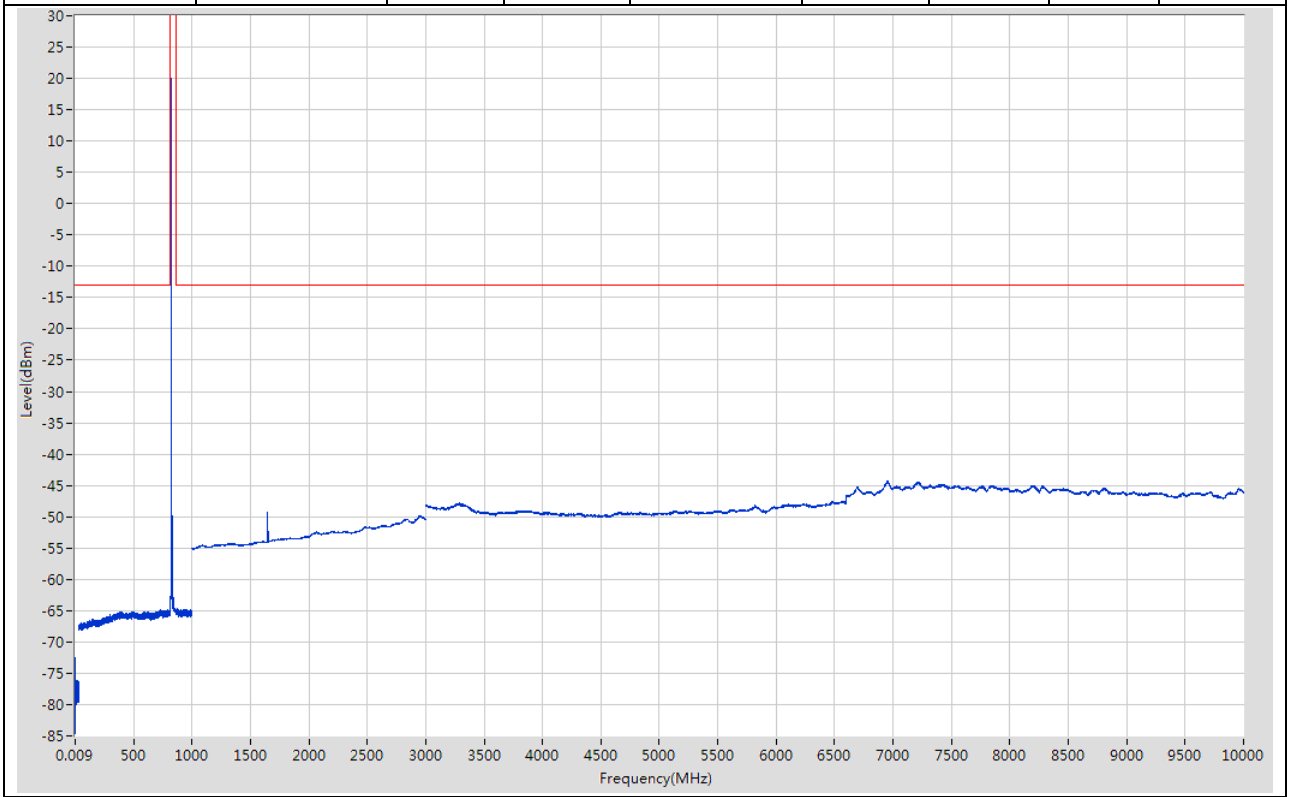
## 14.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:26840, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.77 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.66 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.1 | -64.17 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.623 | 19.86 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 863.903 | -64.68 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.7 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.31 | -13 | Pass | 7000 |



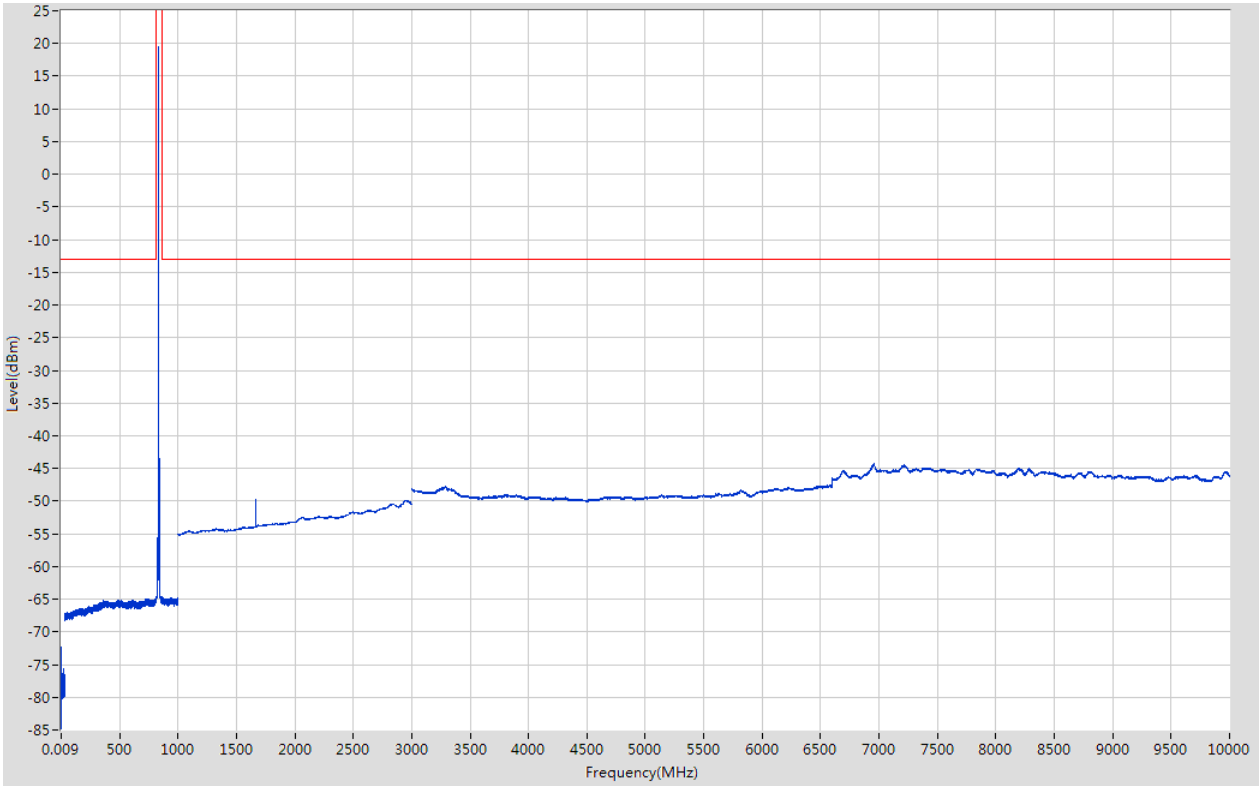
## 14.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:26840, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.67 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.47 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.9 | -63.49 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.623 | 20.02 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 872.009 | -64.71 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1648.324 | -49.23 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.34 | -13 | Pass | 7000 |



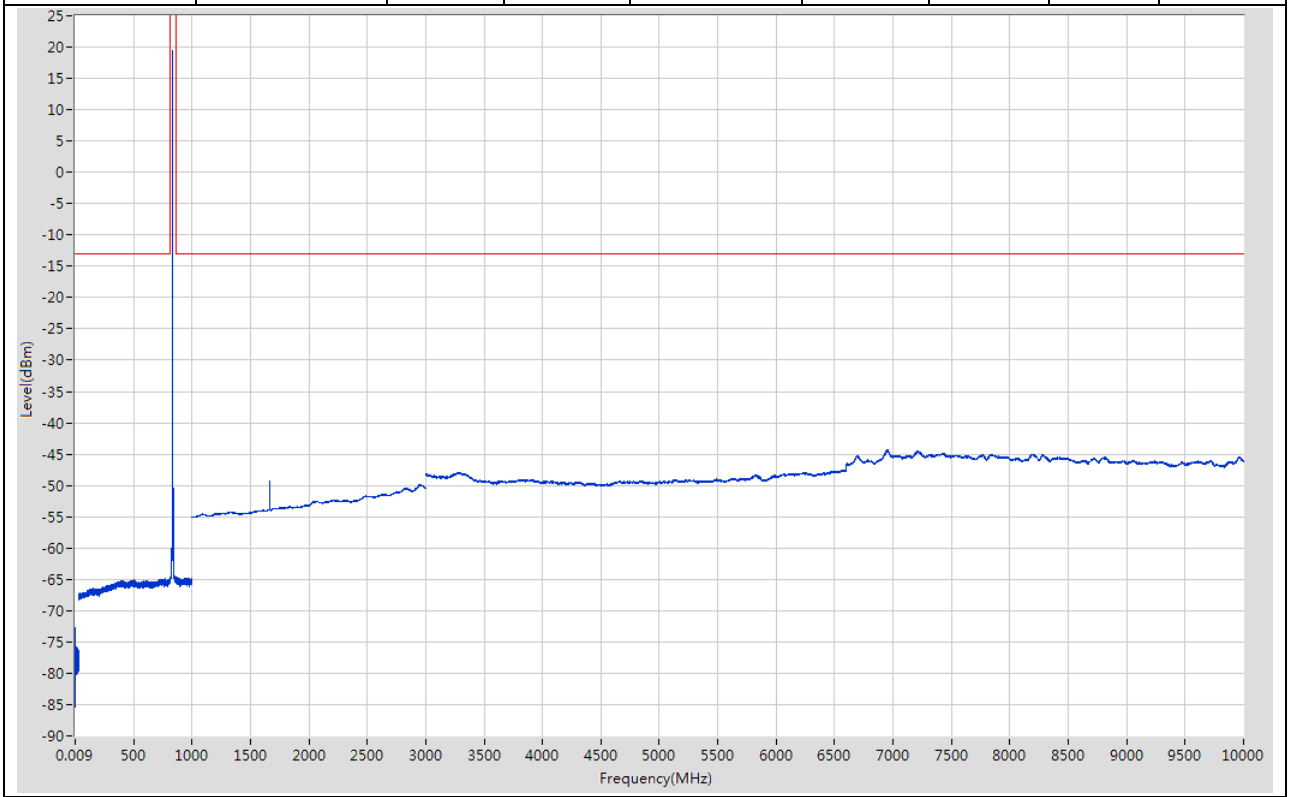
## 14.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:26915, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.48 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.37 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 814 | -64.7 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 832.139 | 19.43 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 863.903 | -64.68 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1663.332 | -49.83 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6957.565 | -44.31 | -13 | Pass | 7000 |



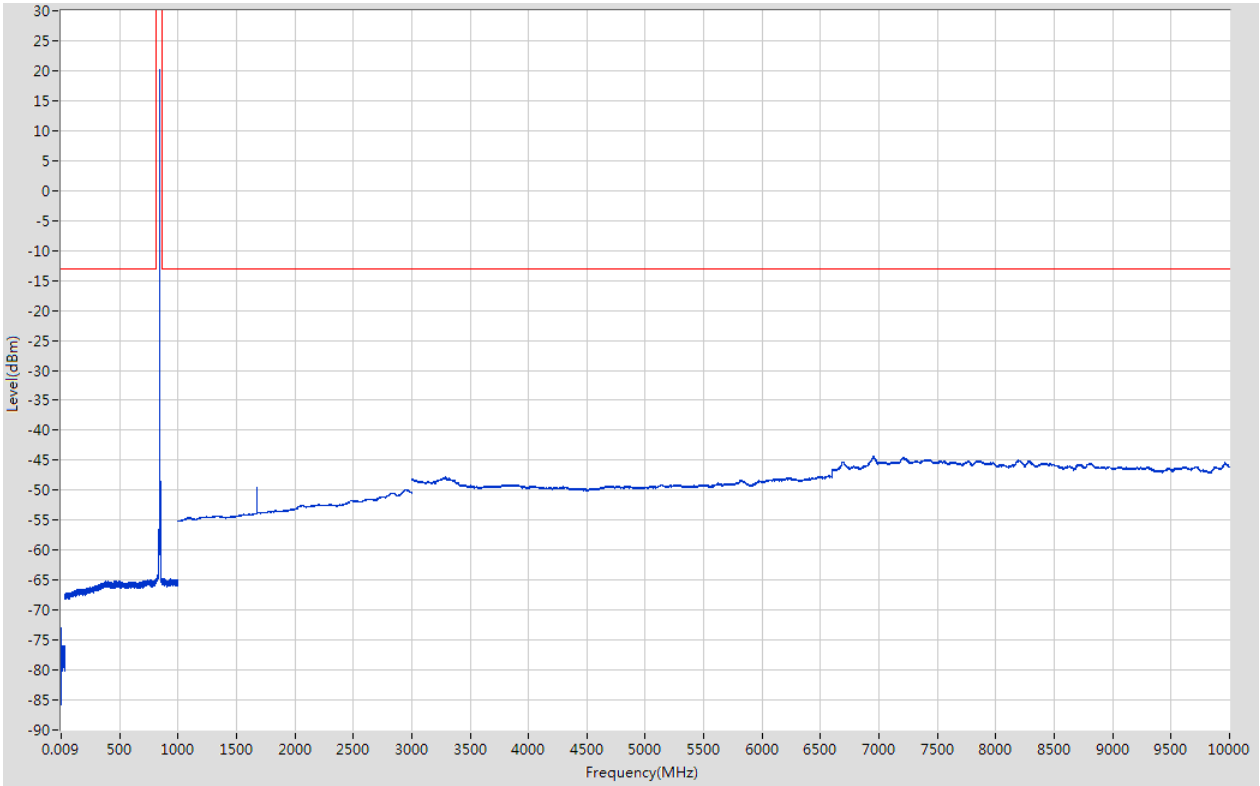
## 14.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:26915, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.67 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.3 | -64.57 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 832.139 | 19.38 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.2 | -64.65 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1663.332 | -49.32 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.29 | -13 | Pass | 7000 |



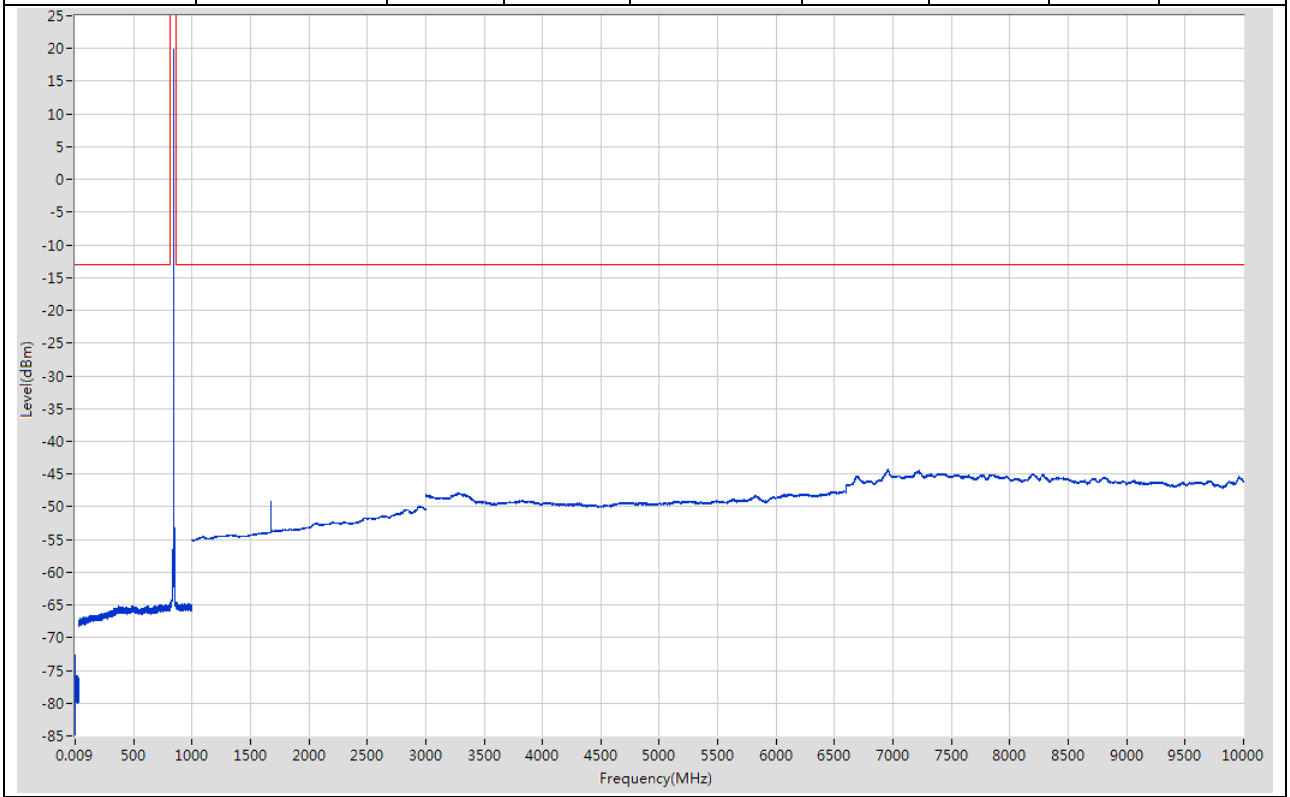
## 14.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:26990, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -73.04 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.5 | -64.81 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 839.556 | 20.09 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 862.001 | -64.74 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1678.339 | -49.46 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6952.565 | -44.26 | -13 | Pass | 7000 |



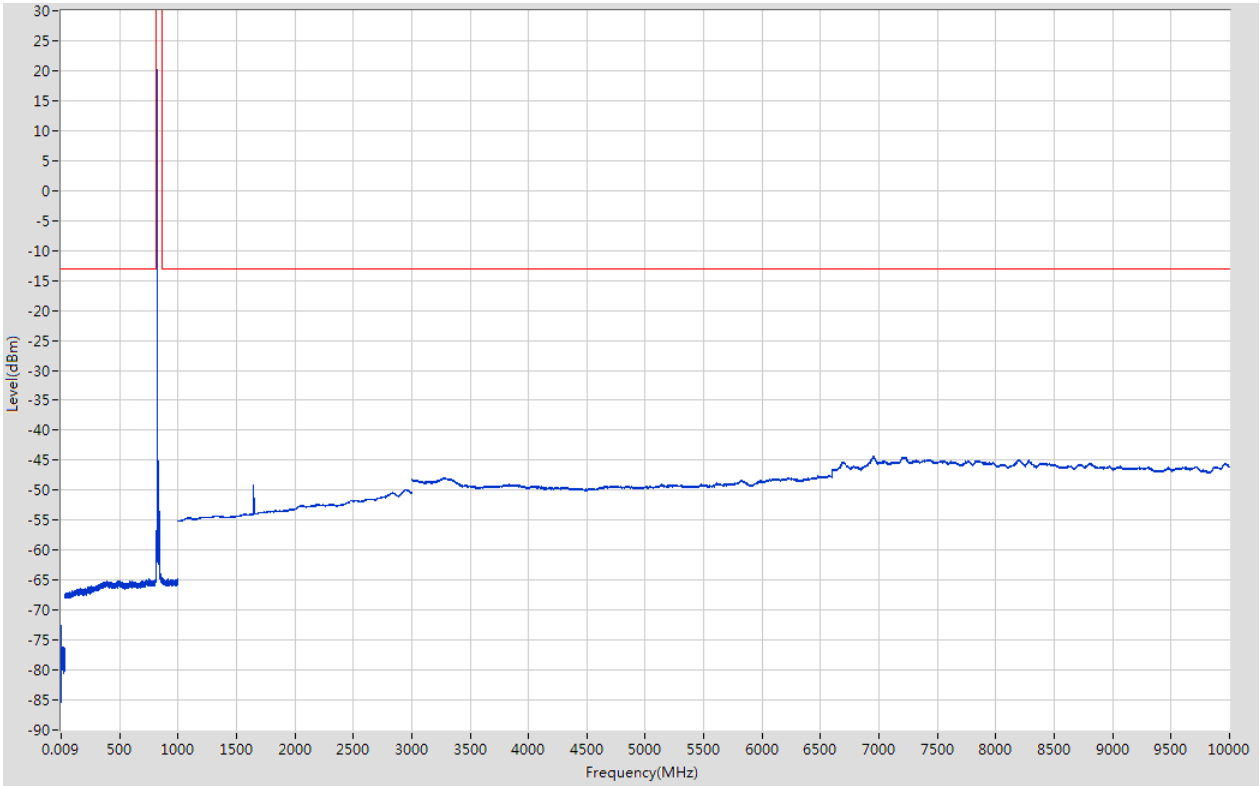
## 14.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:26990, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.9 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.62 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 807.599 | -64.67 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 839.556 | 19.83 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 875.411 | -64.65 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1678.339 | -49.16 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.23 | -13 | Pass | 7000 |



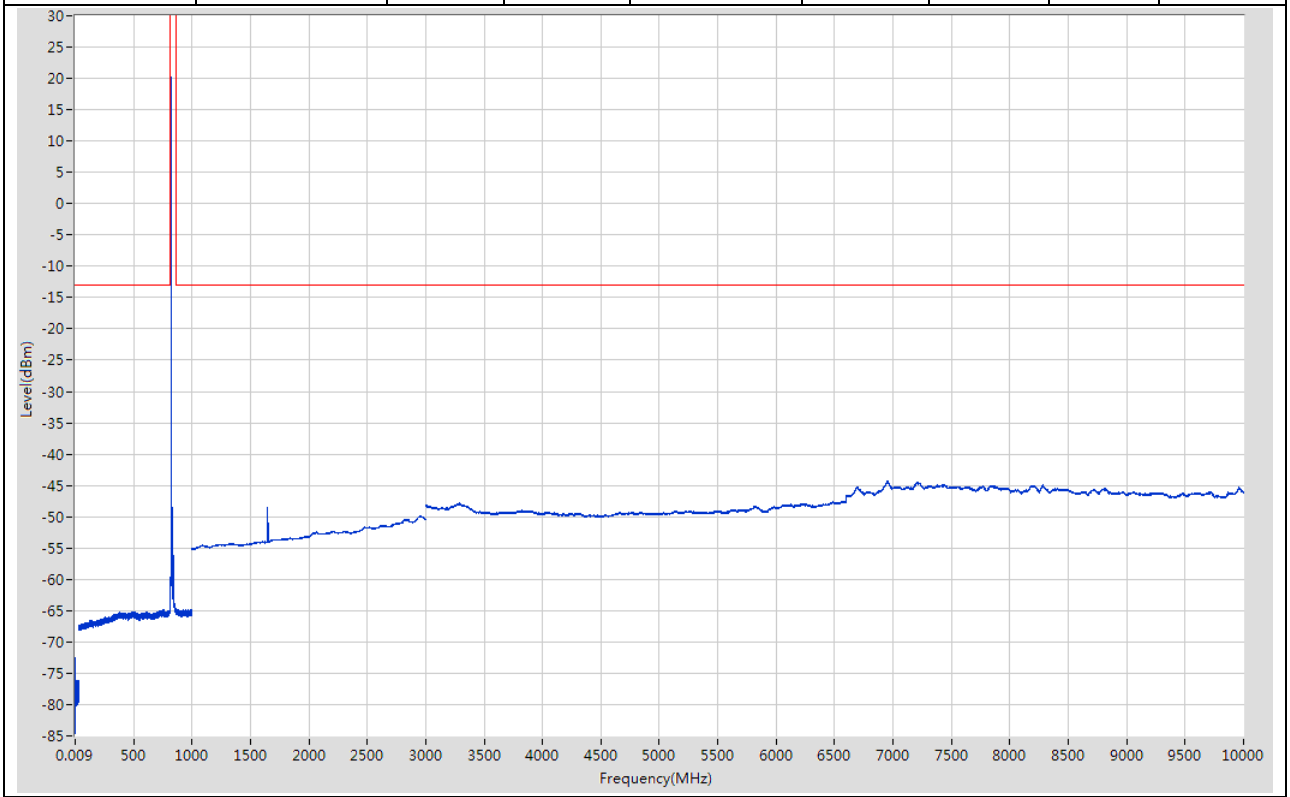
## 14.25. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:26865, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.49 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.66 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 810.5 | -63.06 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.824 | 20.21 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 867.505 | -64.65 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1649.325 | -49.06 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6948.564 | -44.32 | -13 | Pass | 7000 |



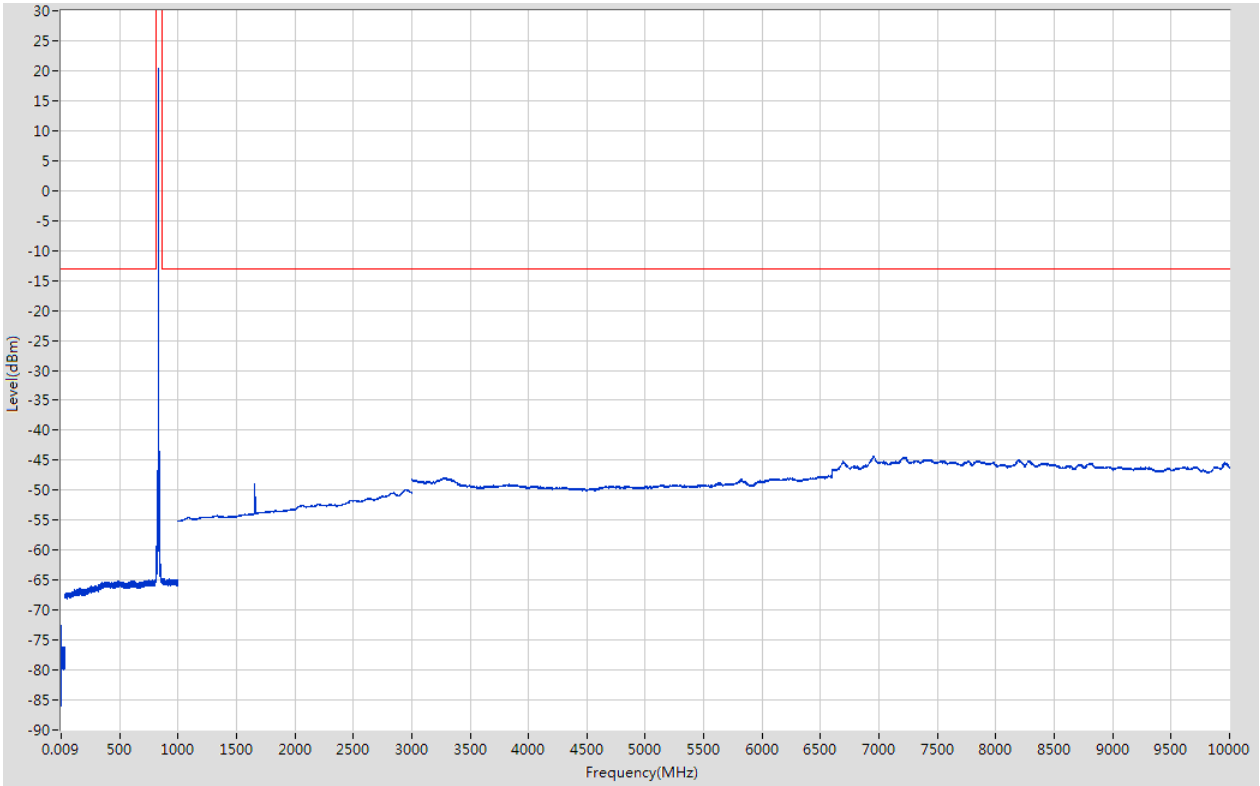
## 14.26. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:26865, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.04 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.48 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.6 | -60.43 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 824.824 | 20.18 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 864.803 | -64.69 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1649.325 | -48.58 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.27 | -13 | Pass | 7000 |



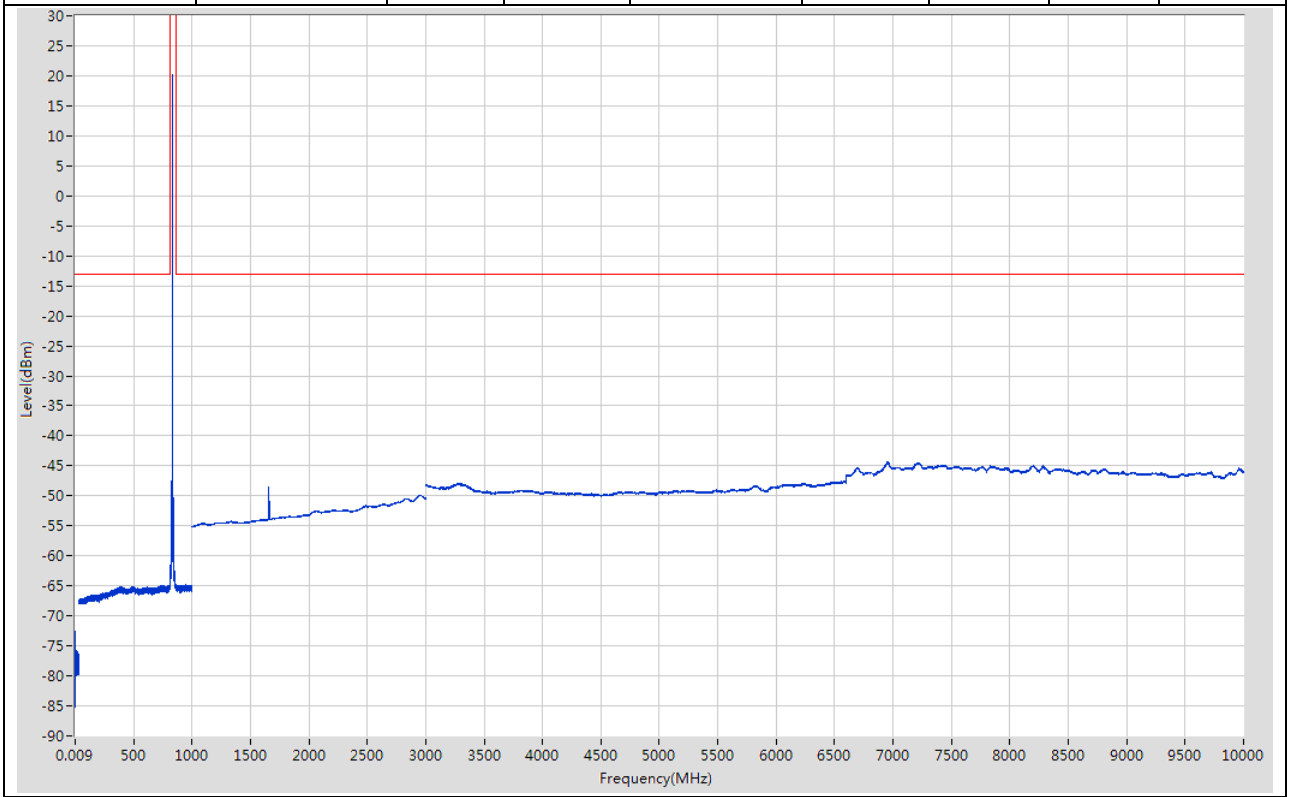
## 14.27. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:27, Channel:26915, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.13 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.22 | -72.54 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813 | -60.2 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 829.834 | 20.31 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 862.702 | -64.72 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1659.33 | -48.87 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.31 | -13 | Pass | 7000 |



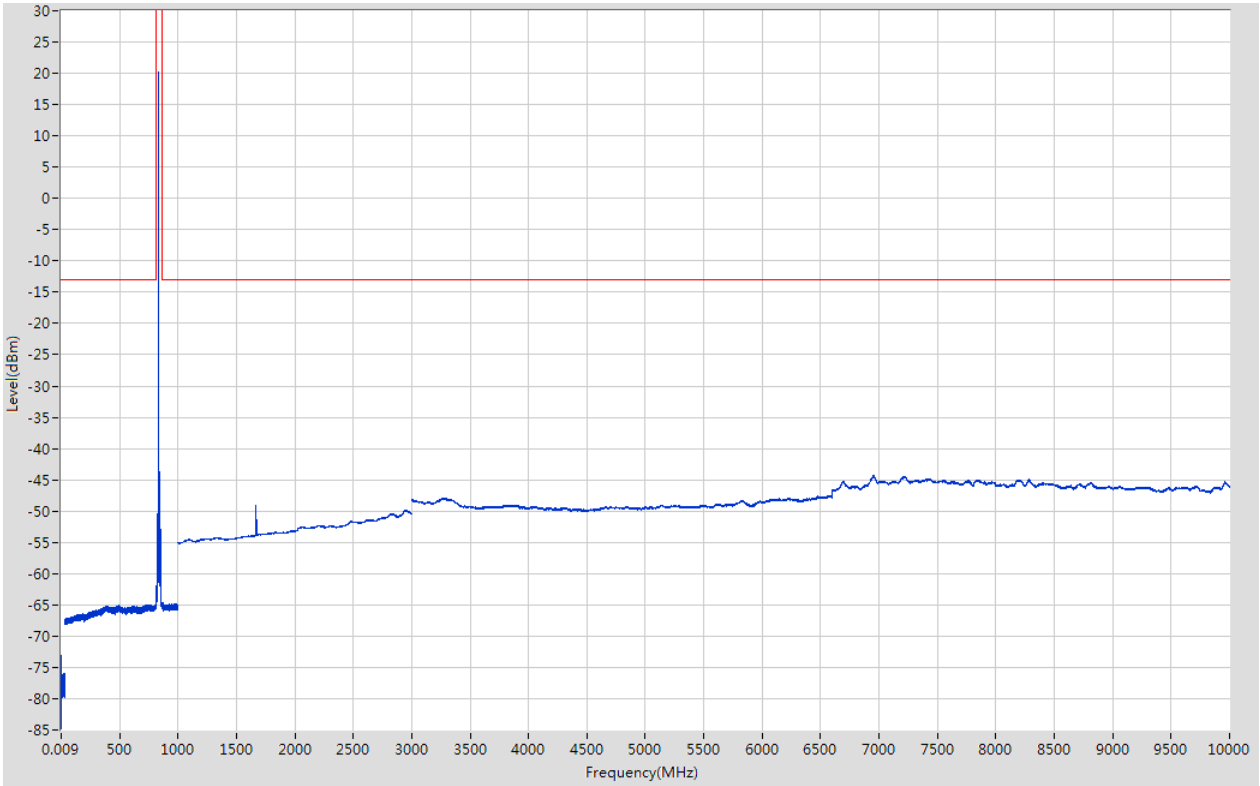
## 14.28. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:28, Channel:26915, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.41 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.5 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 813.3 | -61.48 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 829.834 | 20.17 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 865.804 | -64.78 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1659.33 | -48.5 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6951.565 | -44.33 | -13 | Pass | 7000 |



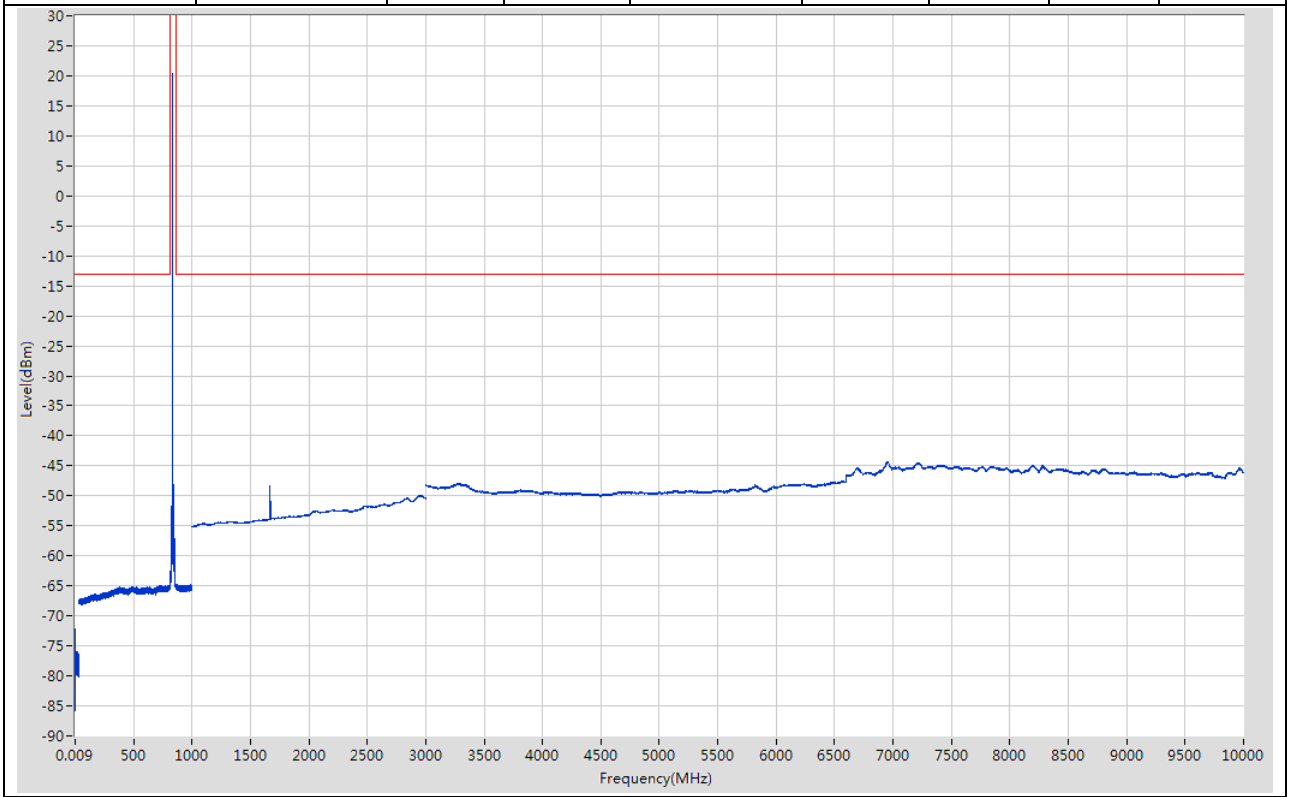
## 14.29. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:29, Channel:26965, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.5 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -73.07 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.6 | -61.87 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.845 | 20.29 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 865.004 | -64.62 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1669.335 | -49.05 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6953.565 | -44.29 | -13 | Pass | 7000 |



## 14.30. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:30, Channel:26965, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

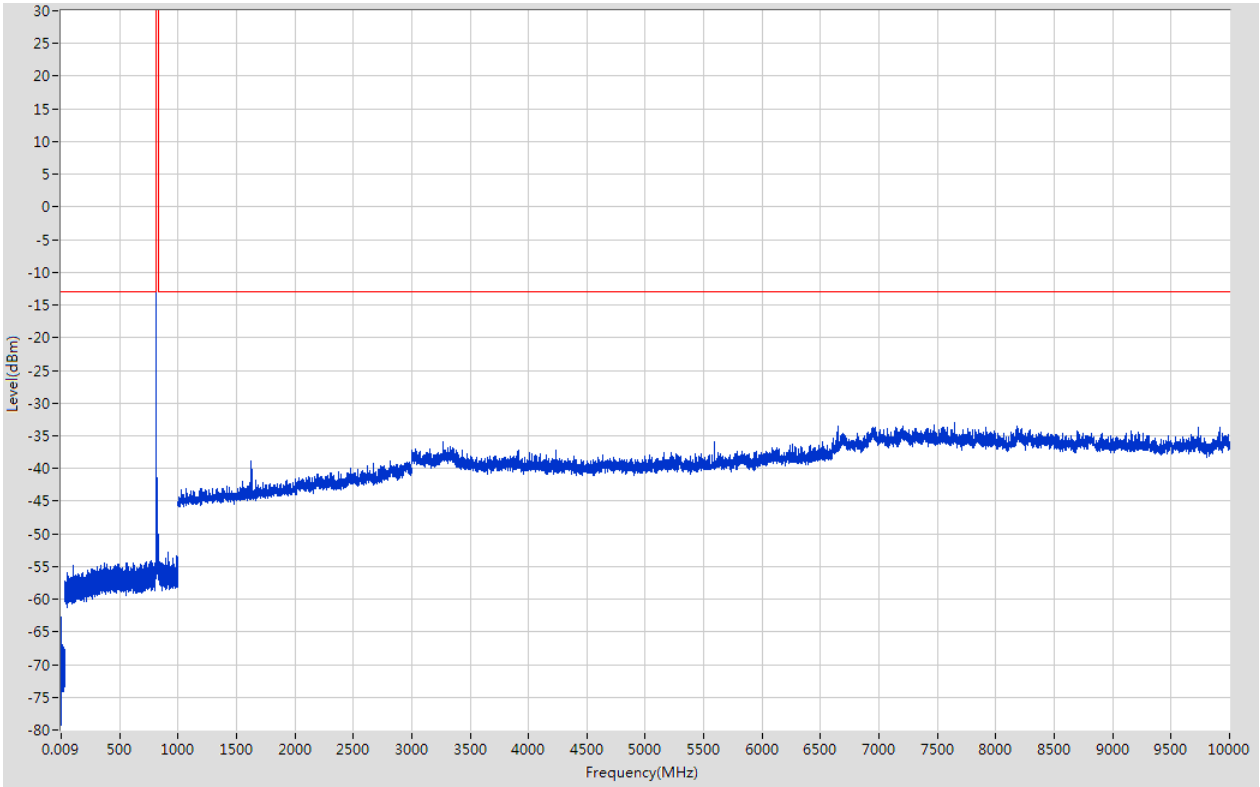
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.72 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.25 | -13 | Pass | 2985 |
| 30 | 814 | 0.1 | RMS | 812.9 | -62.59 | -13 | Pass | 7840 |
| 814 | 860 | 0.1 | RMS | 834.845 | 20.31 | 60 | Pass | 460 |
| 860 | 1000 | 0.1 | RMS | 860.801 | -64.68 | -13 | Pass | 1400 |
| 1000 | 3000 | 1 | RMS | 1669.335 | -48.4 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | RMS | 6954.565 | -44.29 | -13 | Pass | 7000 |



# 15. LTE_Band26(part90)

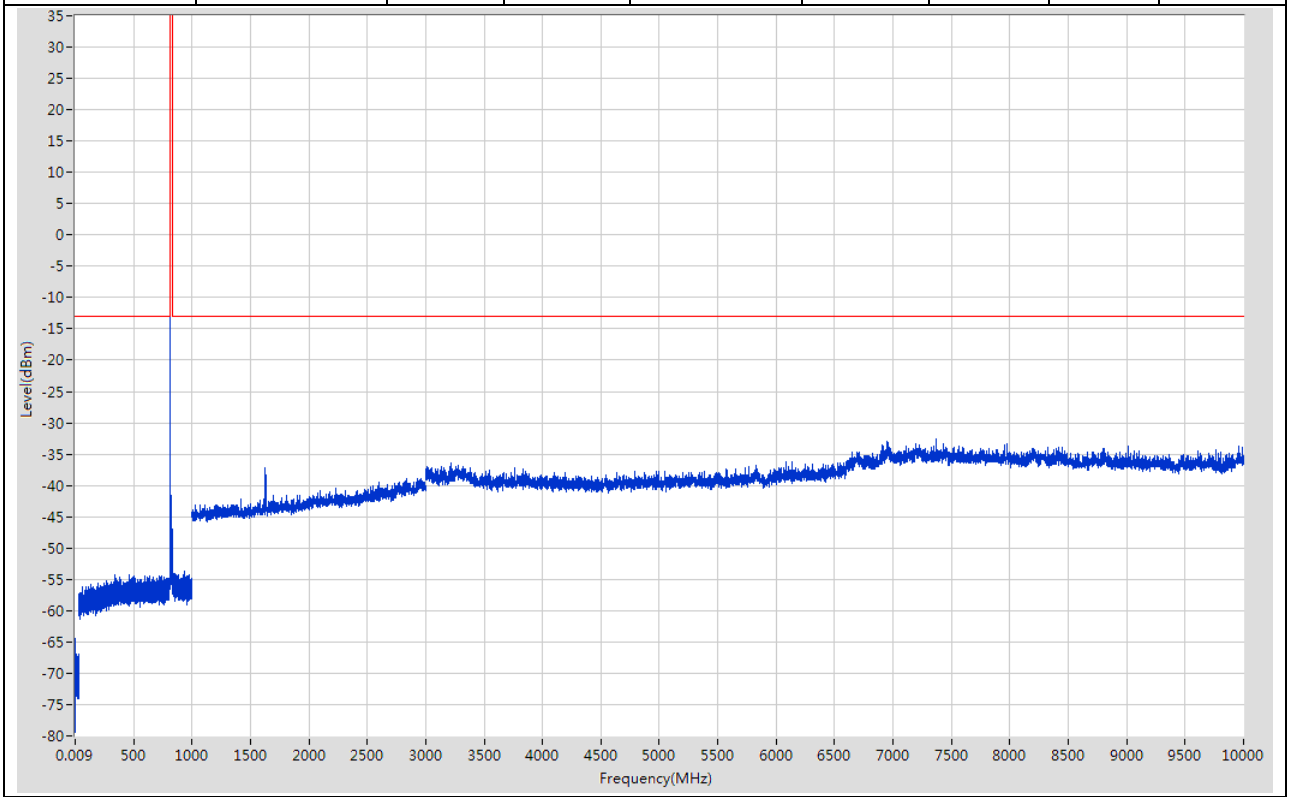
## 15.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:26697, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -68.87 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -62.81 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.7 | -52.73 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.3 | 24.77 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 910.548 | -52.9 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1628.314 | -38.86 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7646.664 | -32.9 | -13 | Pass | 7000 |



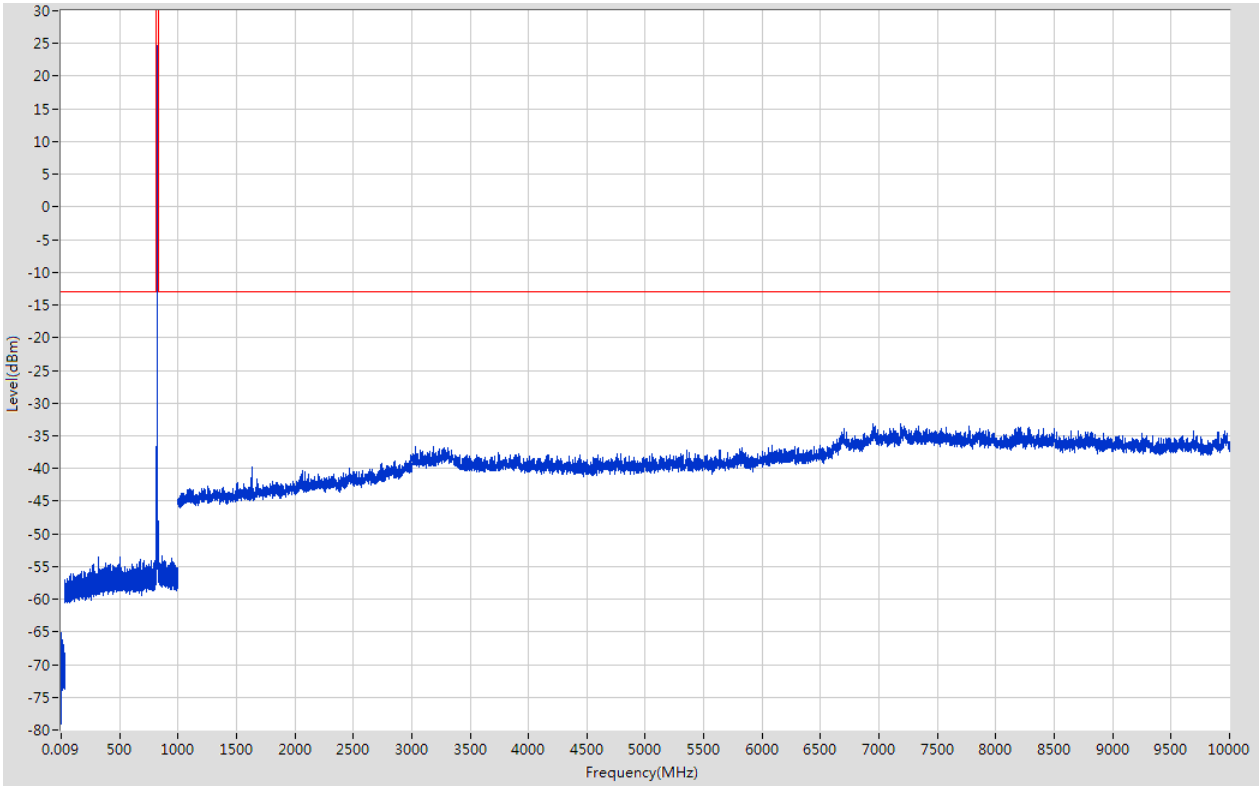
## 15.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:26697, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -65.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.52 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.2 | -50.34 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.2 | 26.11 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 930.86 | -53.76 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1628.314 | -37.14 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7371.625 | -32.49 | -13 | Pass | 7000 |



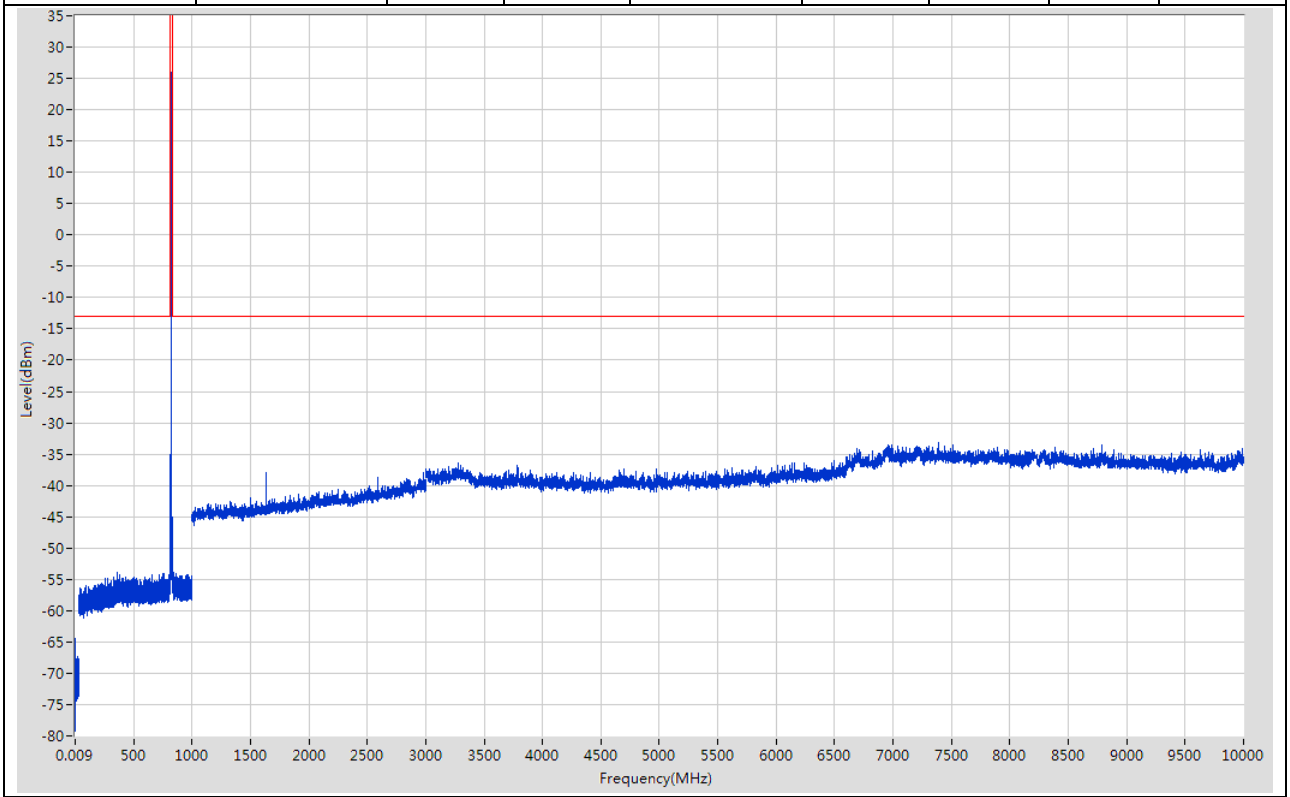
## 15.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:26740, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.014 | -68.11 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -65.16 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.5 | -52.62 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 818.6 | 24.62 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.4 | -50.62 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2994.997 | -37.92 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 6948.564 | -33.16 | -13 | Pass | 7000 |



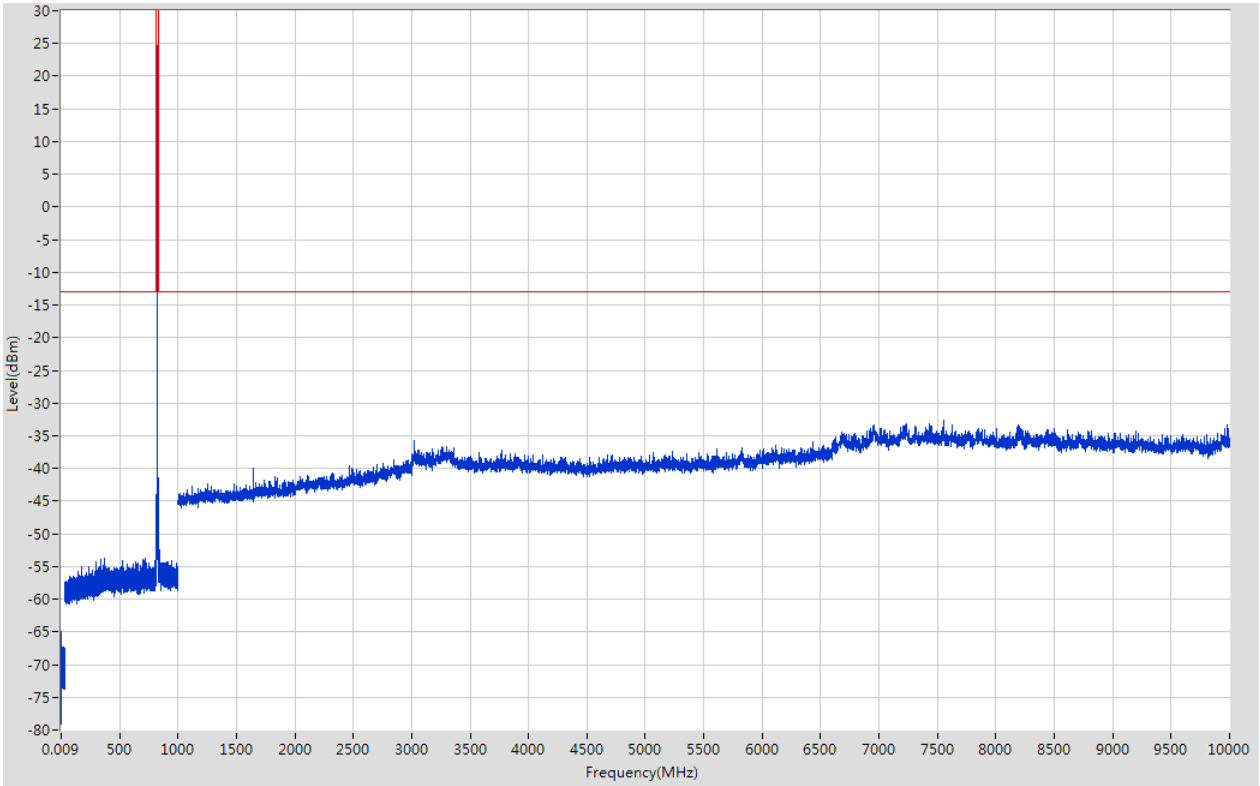
## 15.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:26740, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -67.41 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -64.38 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.6 | -53.49 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 818.55 | 25.98 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 835.304 | -49.62 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2977.989 | -37.94 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7393.628 | -33.23 | -13 | Pass | 7000 |



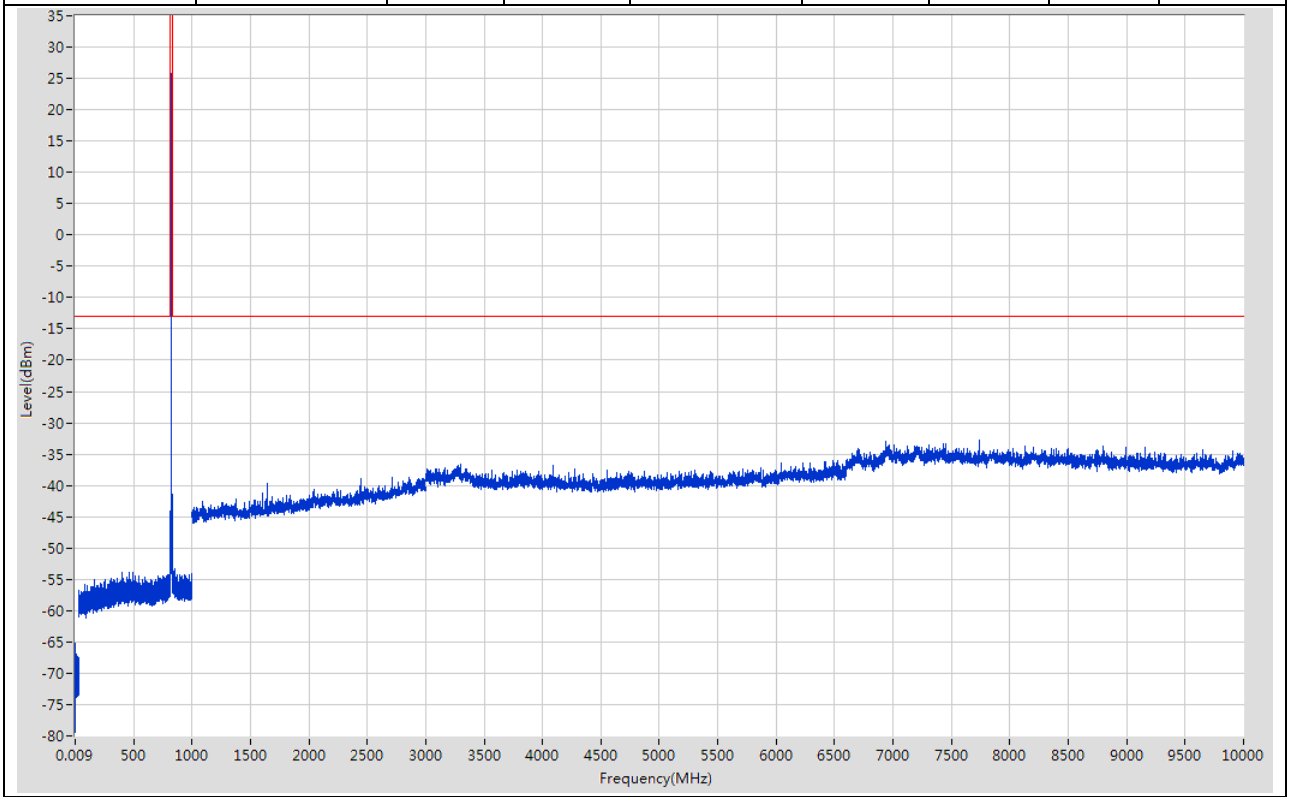
## 15.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:26783, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -67.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.21 | -64.99 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 809 | -50.28 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 822.9 | 24.63 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.2 | -46.67 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2844.922 | -38.64 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7549.65 | -32.61 | -13 | Pass | 7000 |



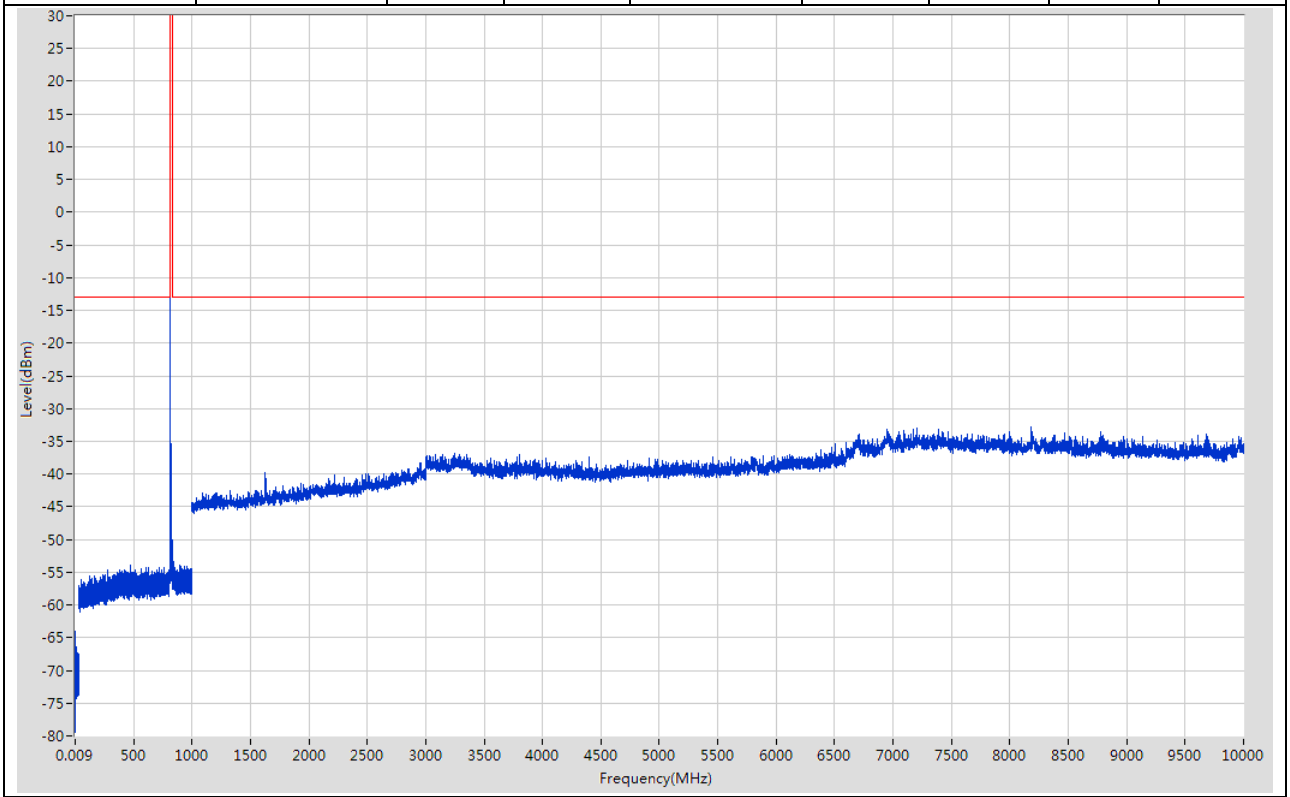
## 15.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:26783, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -67.8 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.21 | -65.15 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.1 | -50.78 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 822.9 | 25.84 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 834.203 | -47.69 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2708.854 | -38.67 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7737.677 | -32.78 | -13 | Pass | 7000 |



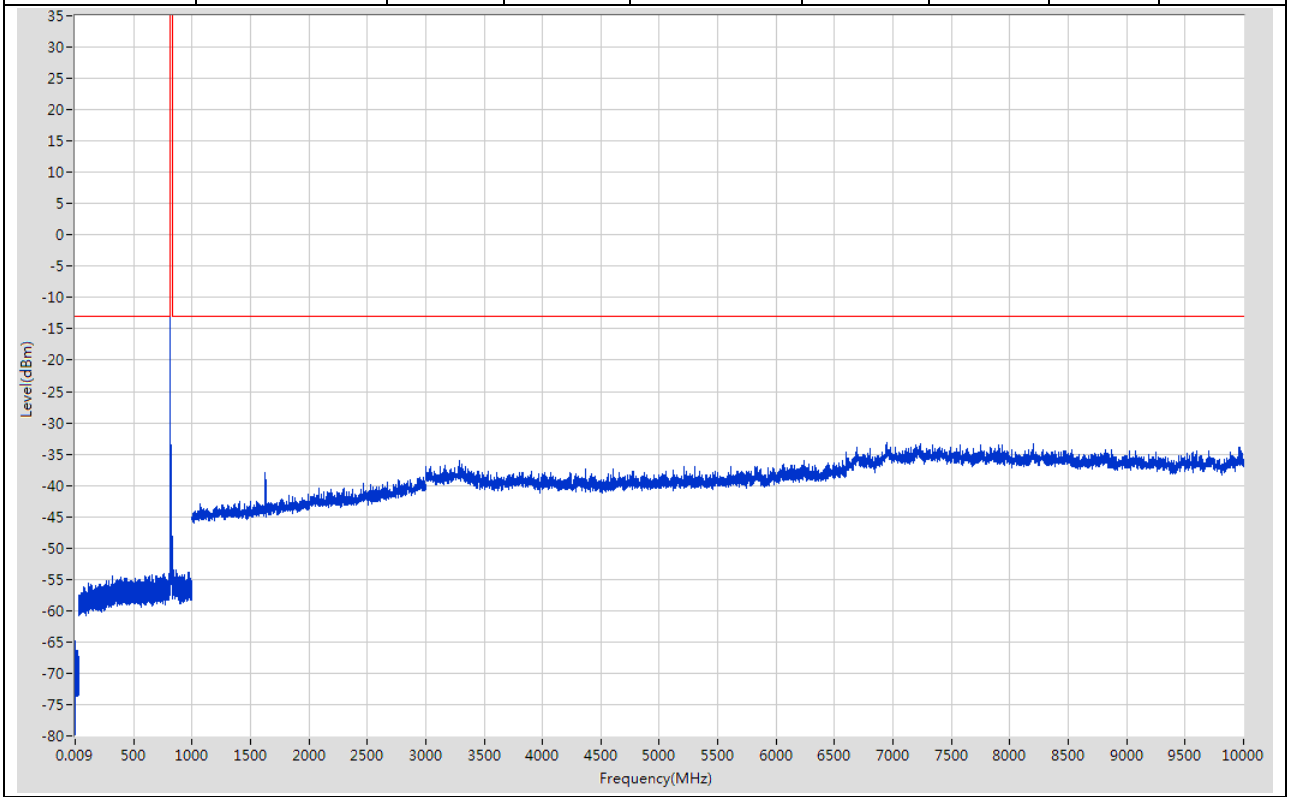
## 15.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:26705, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -66.93 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.35 | -63.97 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.6 | -50.6 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.3 | 24.7 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.5 | -50.62 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2950.975 | -38.32 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 8182.74 | -32.81 | -13 | Pass | 7000 |



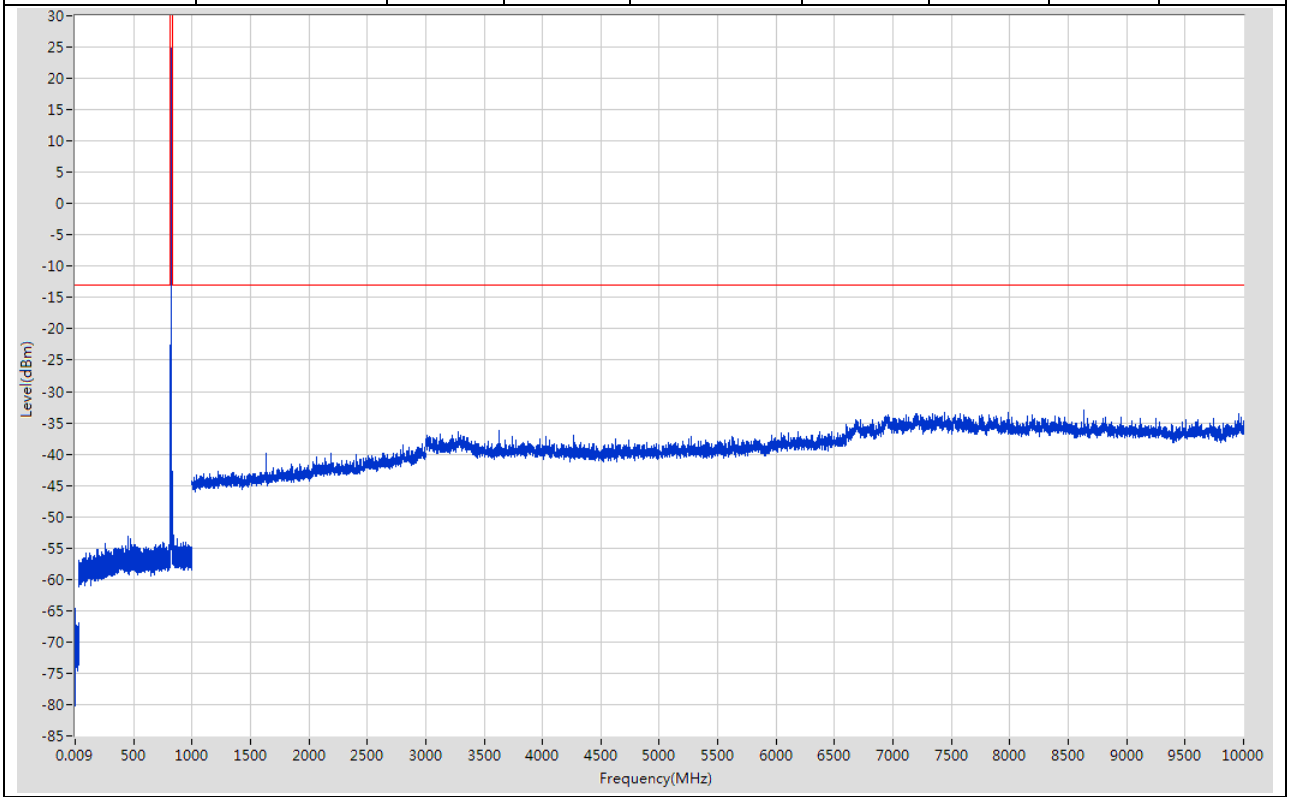
## 15.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:26705, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -67.25 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.17 | -64.74 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.4 | -47.67 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.2 | 26.25 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 831.301 | -48.05 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1628.314 | -38.04 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 6950.564 | -33.24 | -13 | Pass | 7000 |



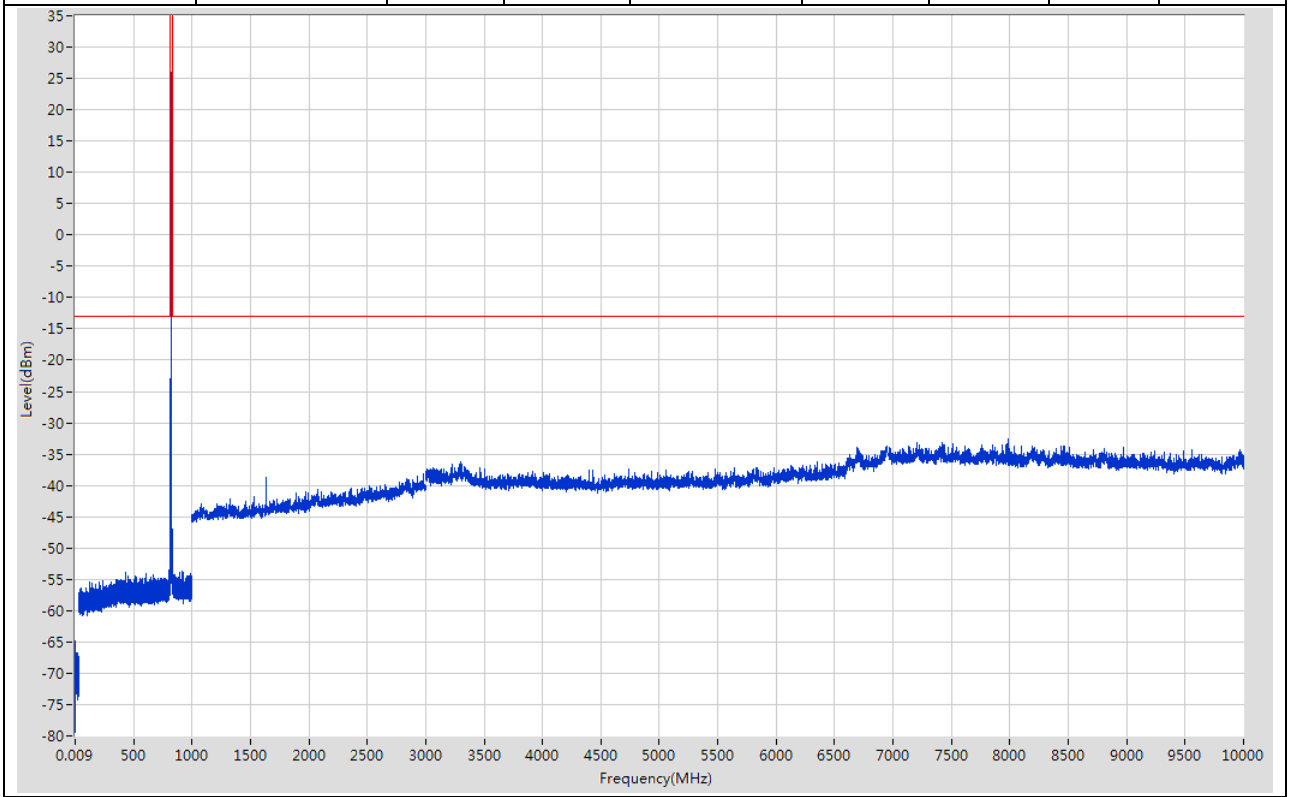
## 15.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:26740, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.009 | -66.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.56 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.1 | -51.5 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 817.75 | 24.86 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 832.702 | -49.08 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2965.983 | -38.33 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 8636.805 | -33.03 | -13 | Pass | 7000 |



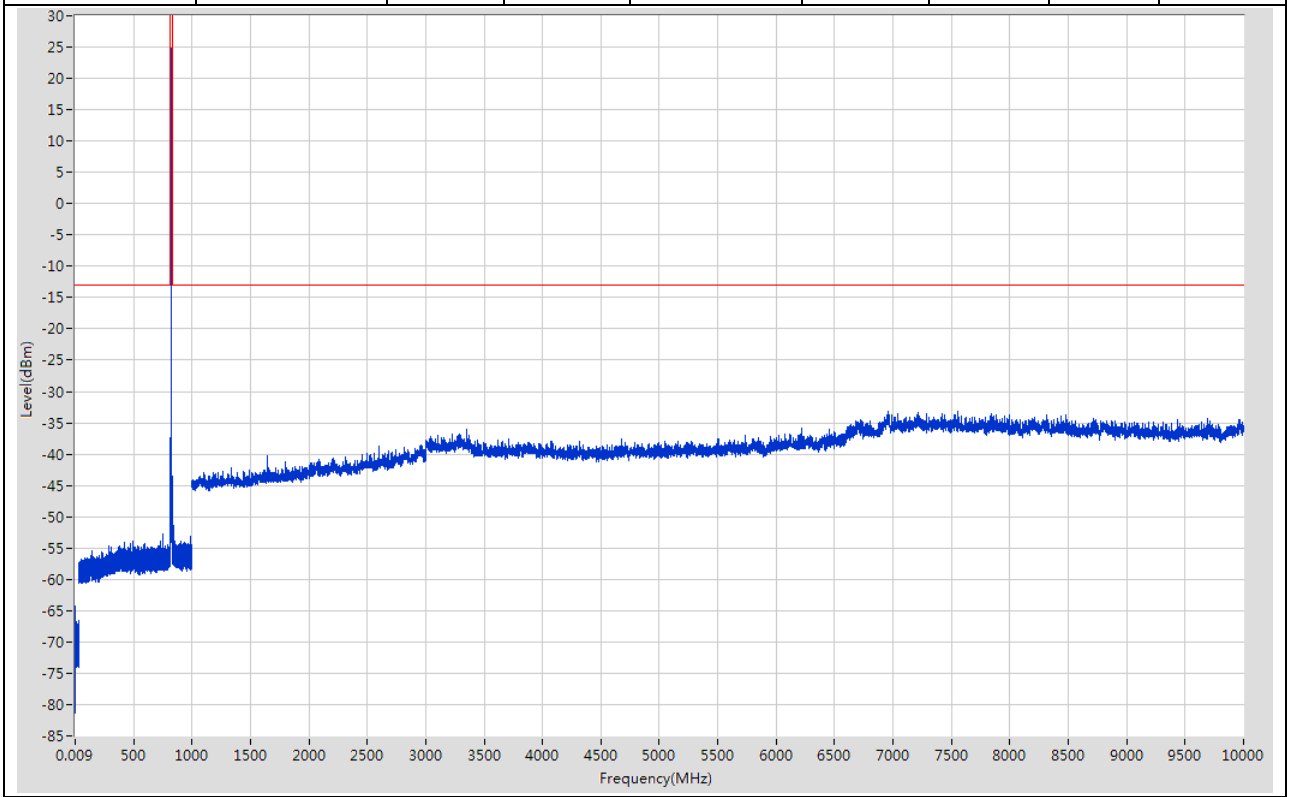
## 15.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:26740, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -67.4 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.21 | -64.76 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.8 | -51.18 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 817.75 | 26.06 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 831.501 | -50.55 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2983.992 | -38.2 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7990.713 | -32.54 | -13 | Pass | 7000 |



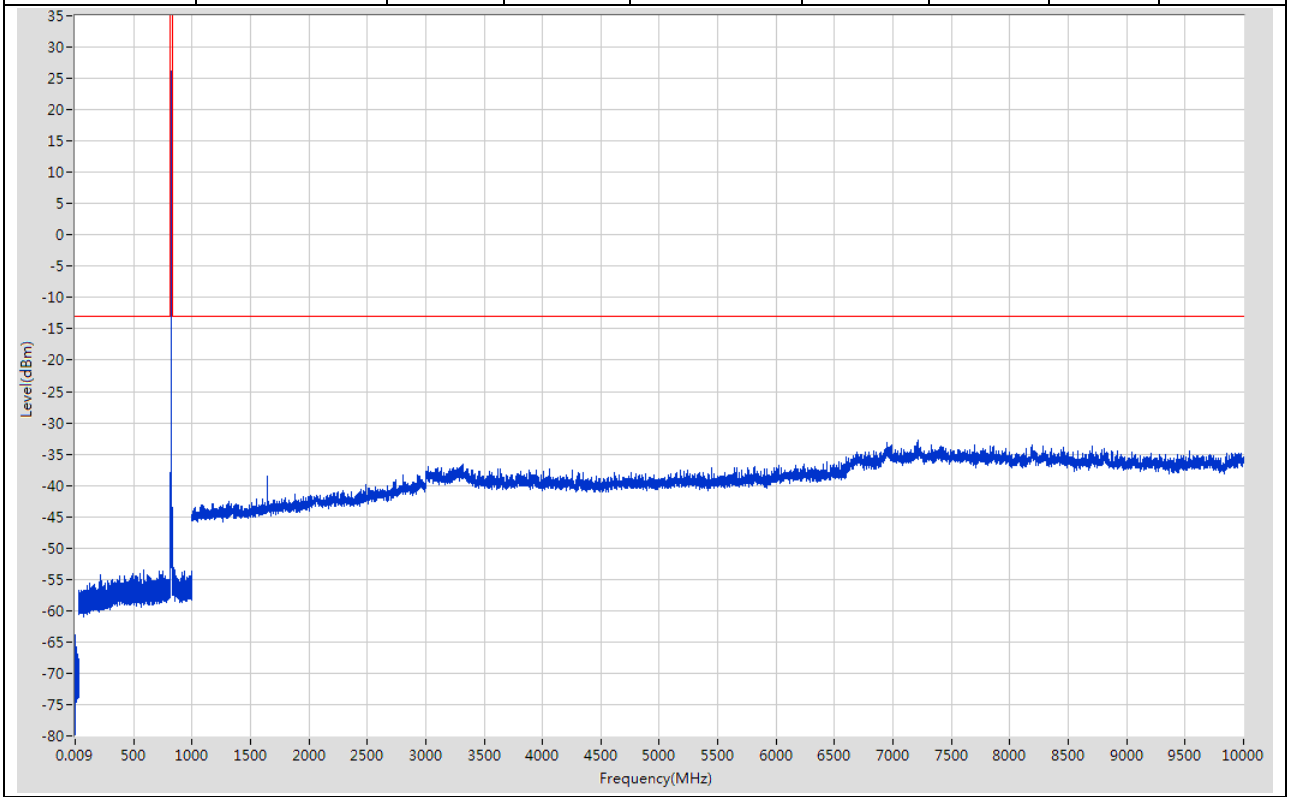
## 15.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:26775, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -68.02 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.19 | -64.35 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.5 | -52.12 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 821.25 | 24.85 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.3 | -48.86 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2960.98 | -38.5 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7551.65 | -33.08 | -13 | Pass | 7000 |



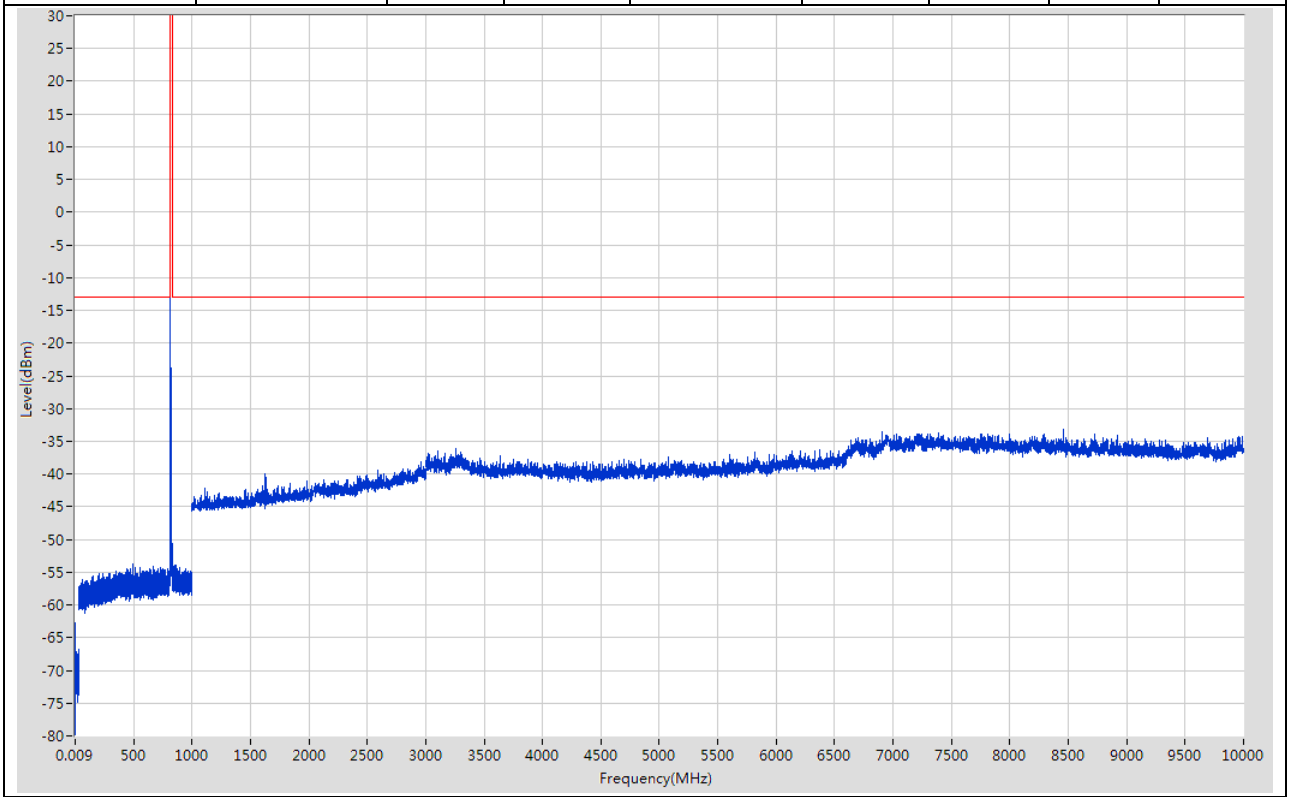
## 15.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:26775, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -67.24 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -63.79 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 809 | -52.86 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 821.2 | 26.11 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.7 | -47.77 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2808.904 | -38.29 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7217.603 | -32.7 | -13 | Pass | 7000 |



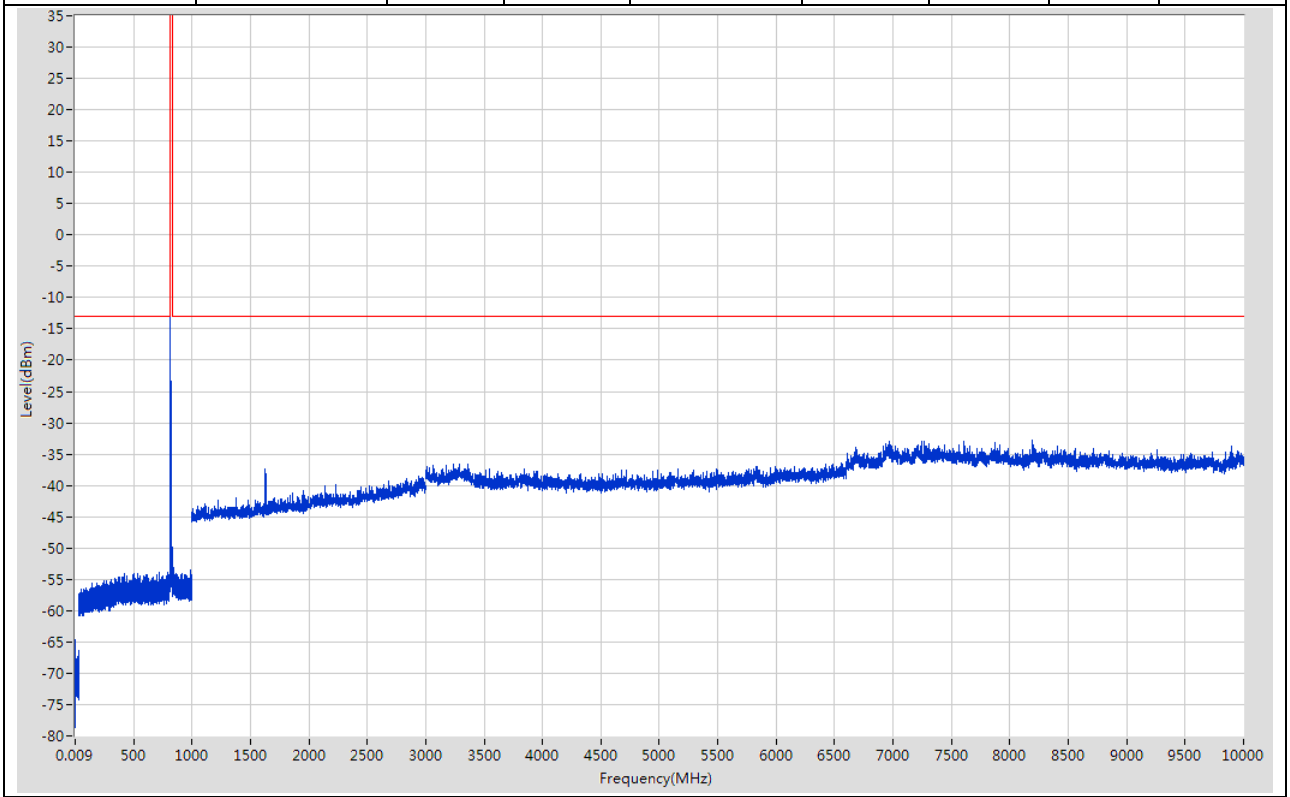
## 15.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:26715, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.016 | -68.22 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -62.69 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.9 | -53.14 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.3 | 24.89 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.2 | -52.04 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2959.98 | -38.21 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 8457.78 | -33.13 | -13 | Pass | 7000 |



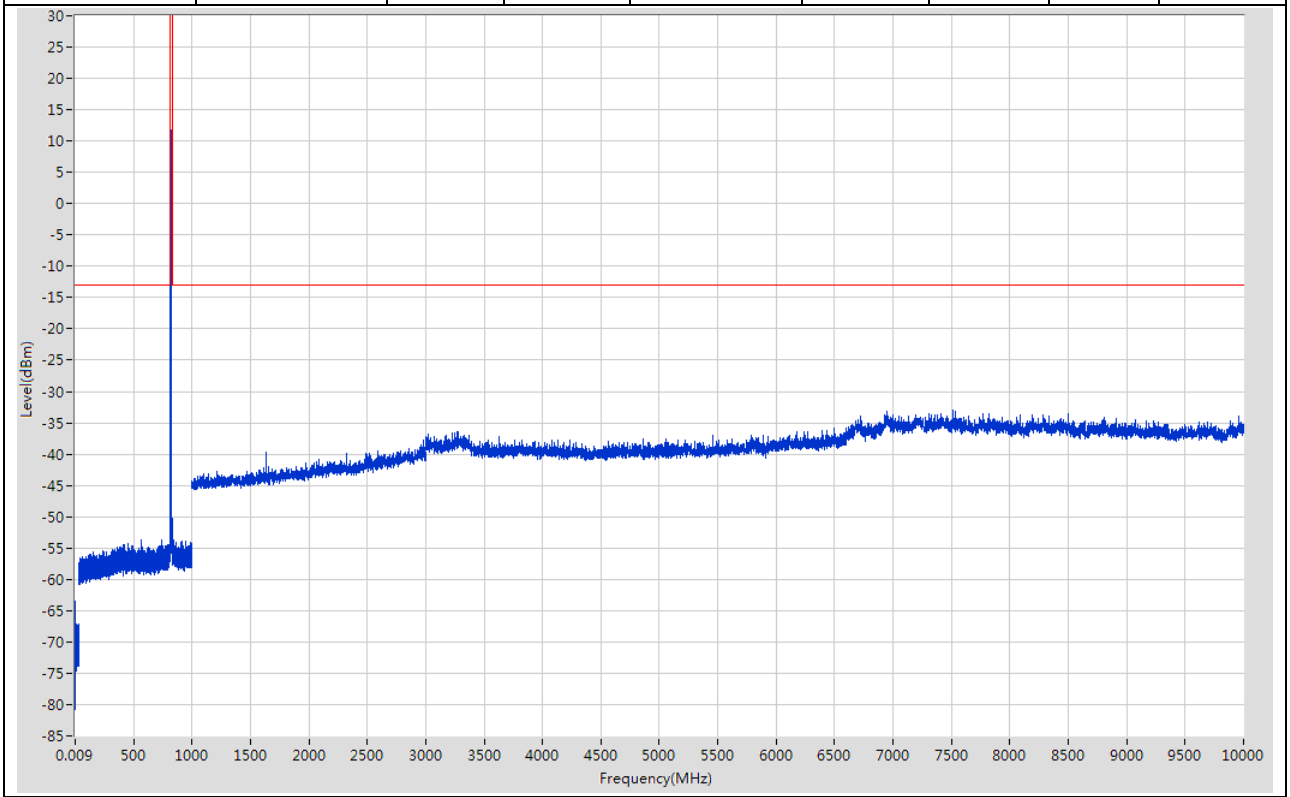
## 15.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:26715, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -67.13 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.38 | -64.61 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.3 | -49.5 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.3 | 26.61 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 842.308 | -53.22 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1628.314 | -37.3 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 8194.742 | -32.86 | -13 | Pass | 7000 |



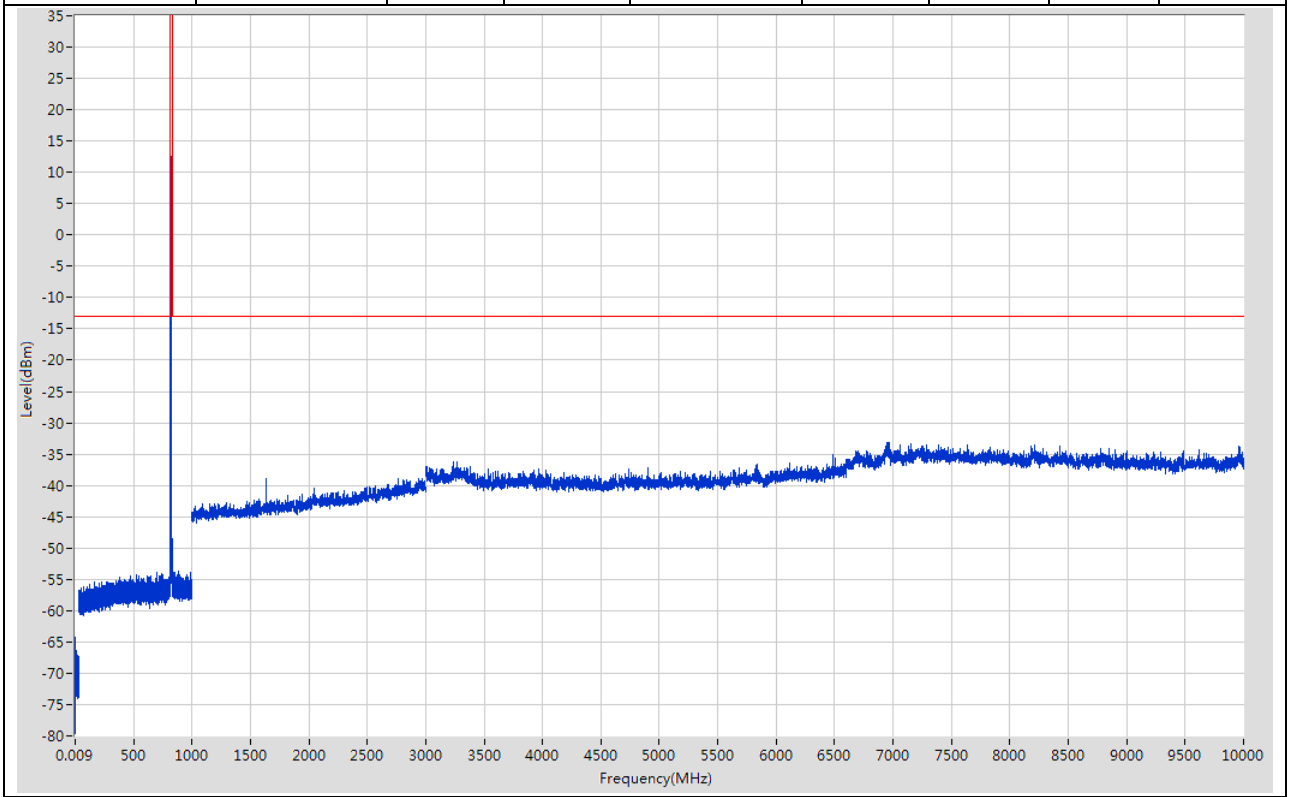
## 15.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:26740, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -68.46 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -63.58 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.7 | -52.42 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 816.85 | 24.71 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 831.702 | -50.34 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2980.99 | -37.71 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7508.644 | -33.05 | -13 | Pass | 7000 |



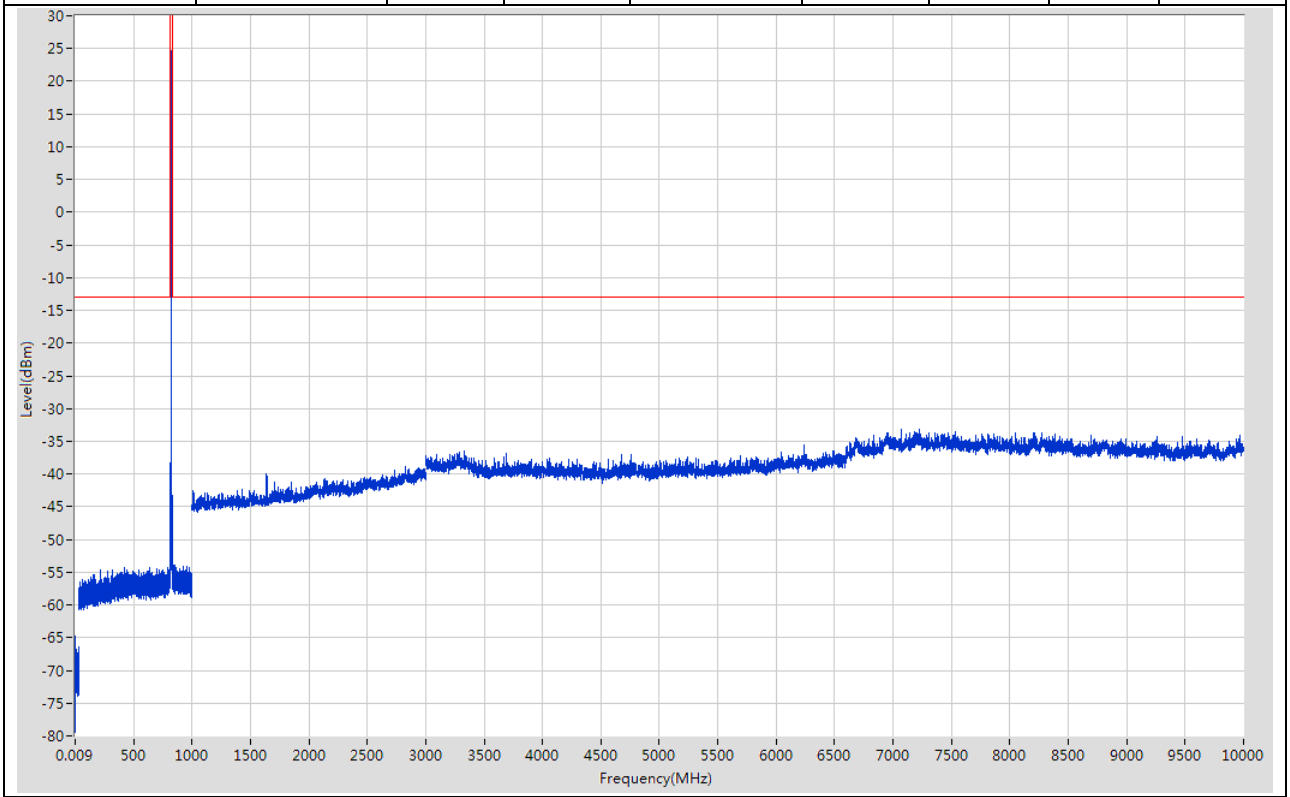
## 15.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:26740, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -67.27 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.17 | -64.33 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 695.485 | -53.88 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 816.8 | 26.29 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 830.301 | -51.27 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2767.884 | -38.88 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 6950.564 | -33.06 | -13 | Pass | 7000 |



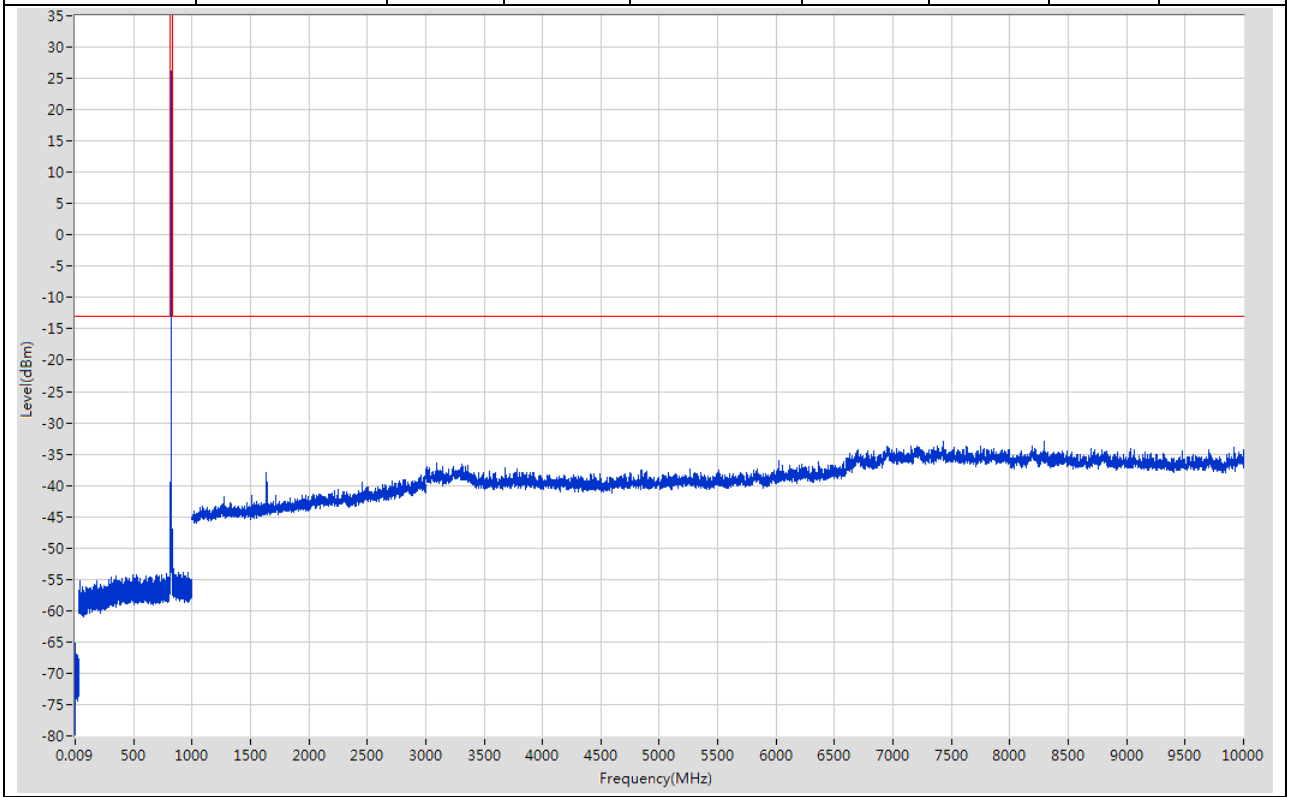
## 15.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:26765, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -67.63 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.21 | -64.76 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.6 | -54.2 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 819.35 | 24.73 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 832.202 | -51.14 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2827.914 | -38.83 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7223.603 | -33.12 | -13 | Pass | 7000 |



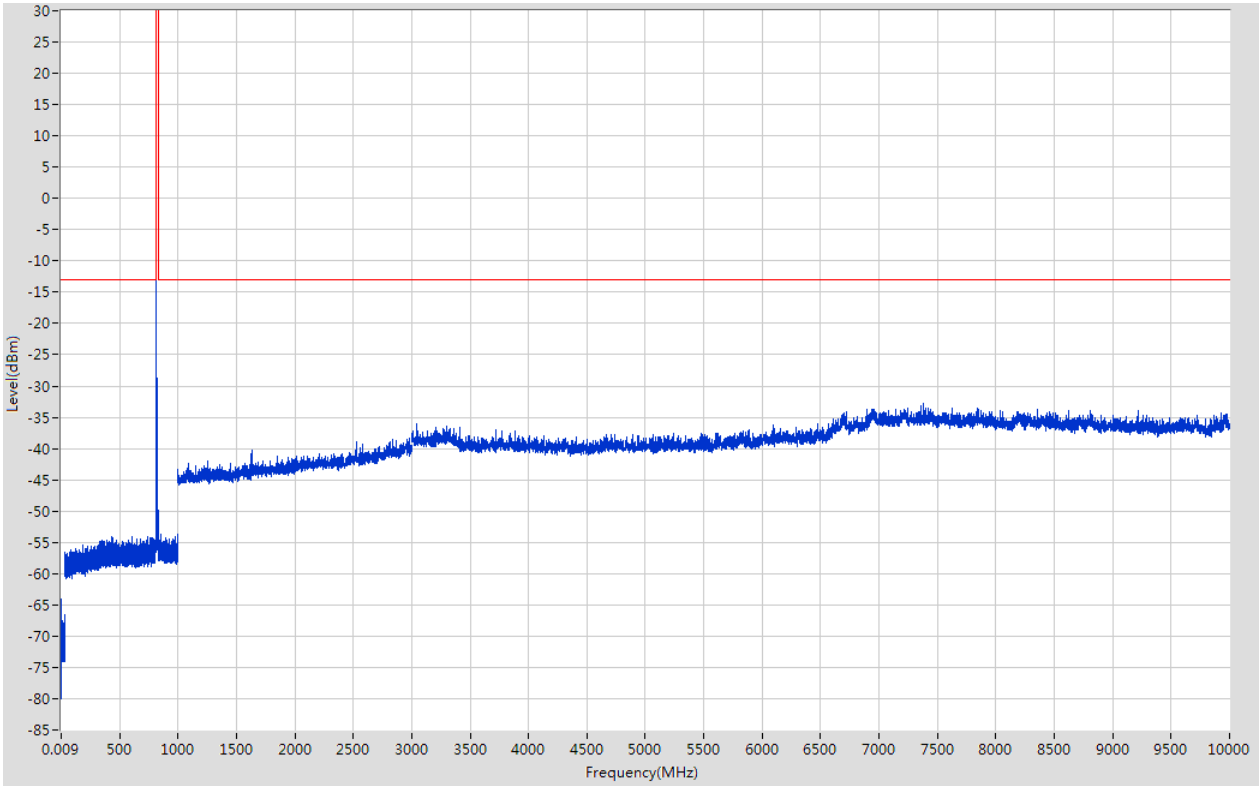
## 15.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:26765, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.01 | -66.78 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.39 | -65.23 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808 | -52.33 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 819.3 | 26.17 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 831.401 | -50.56 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1638.319 | -37.9 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7431.633 | -32.98 | -13 | Pass | 7000 |



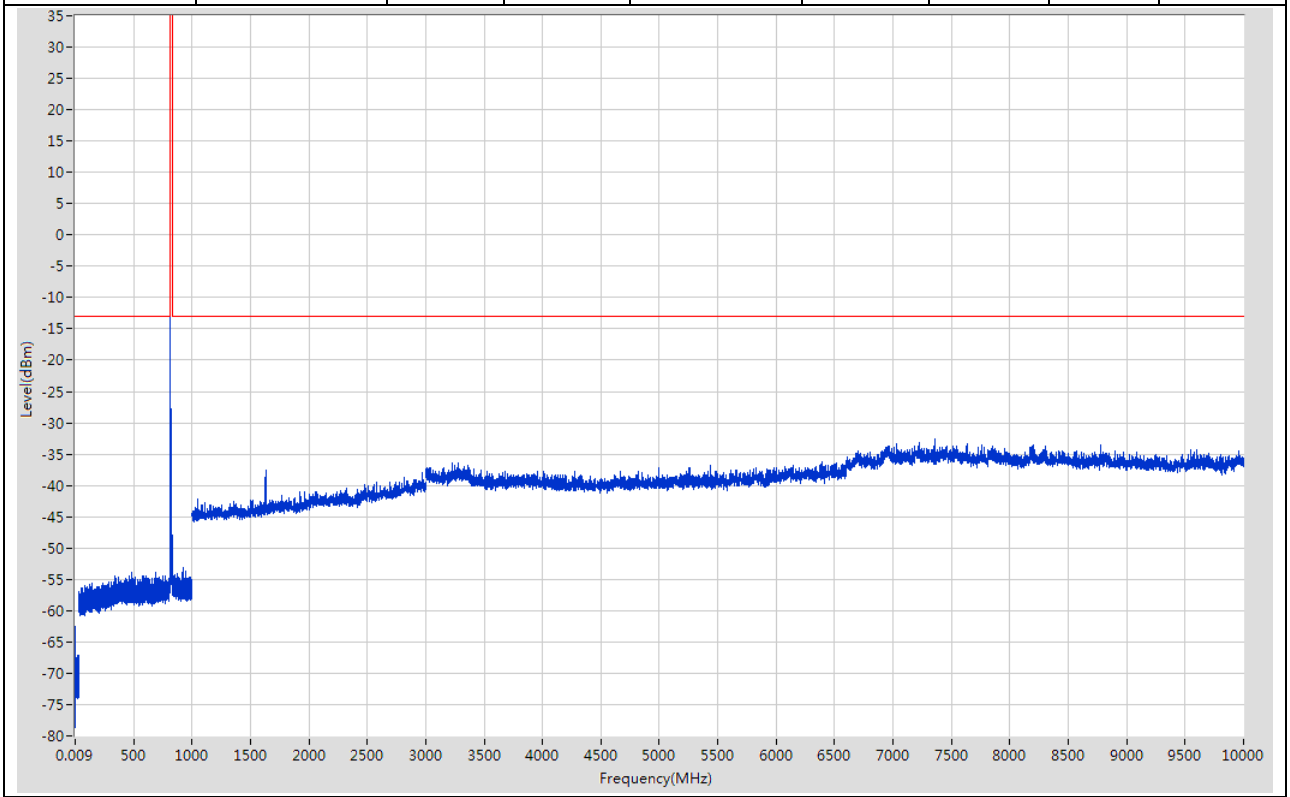
## 15.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:26740, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.012 | -66.38 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -64.04 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 809 | -47.51 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.6 | 24.97 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 832.902 | -52.5 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2978.989 | -38.37 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7381.626 | -32.73 | -13 | Pass | 7000 |



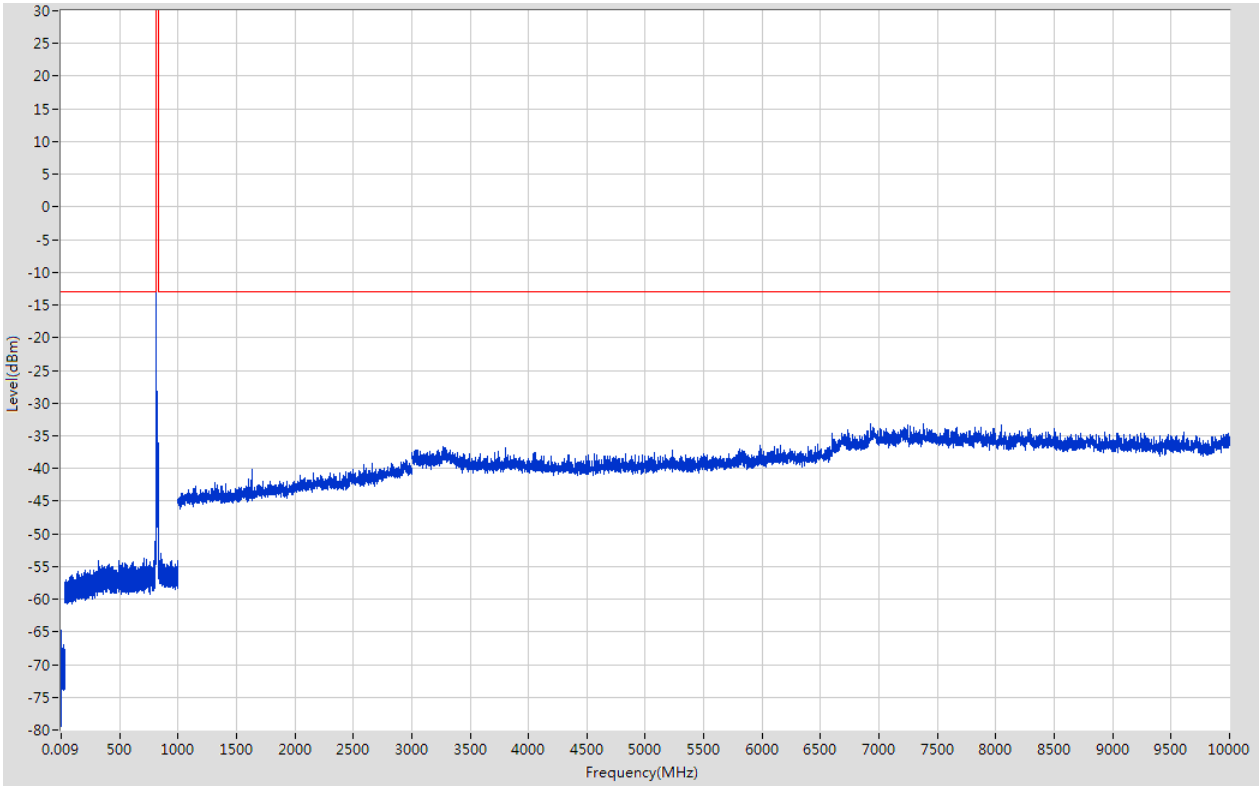
## 15.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:26740, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.011 | -66.24 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.16 | -62.6 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 808.4 | -50.86 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.55 | 26.32 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 928.758 | -53.15 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 1629.315 | -37.54 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7358.623 | -32.66 | -13 | Pass | 7000 |



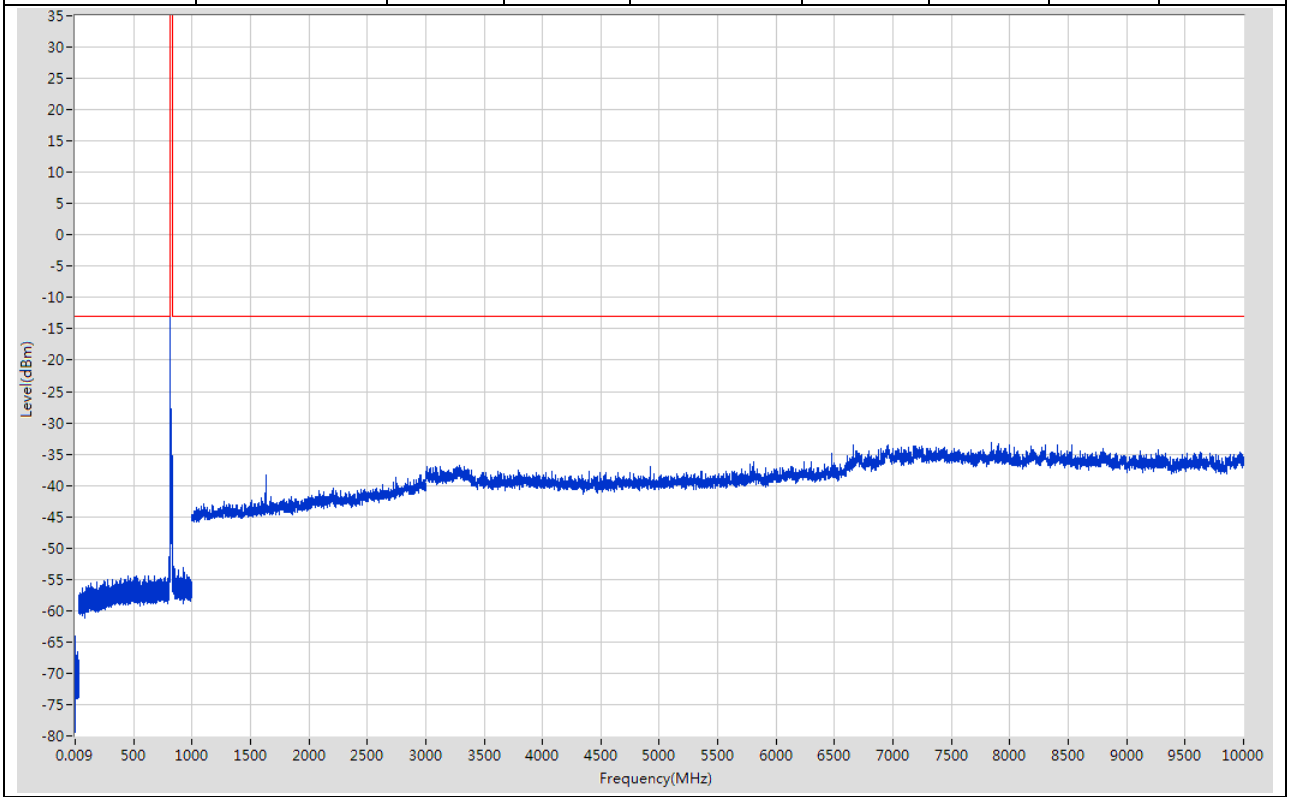
## 15.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:26765, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -67.69 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.15 | -64.72 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.6 | -42.02 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.9 | 24.78 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829.1 | -38.85 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2948.974 | -38.59 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7378.626 | -33.1 | -13 | Pass | 7000 |



## 15.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:26765, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

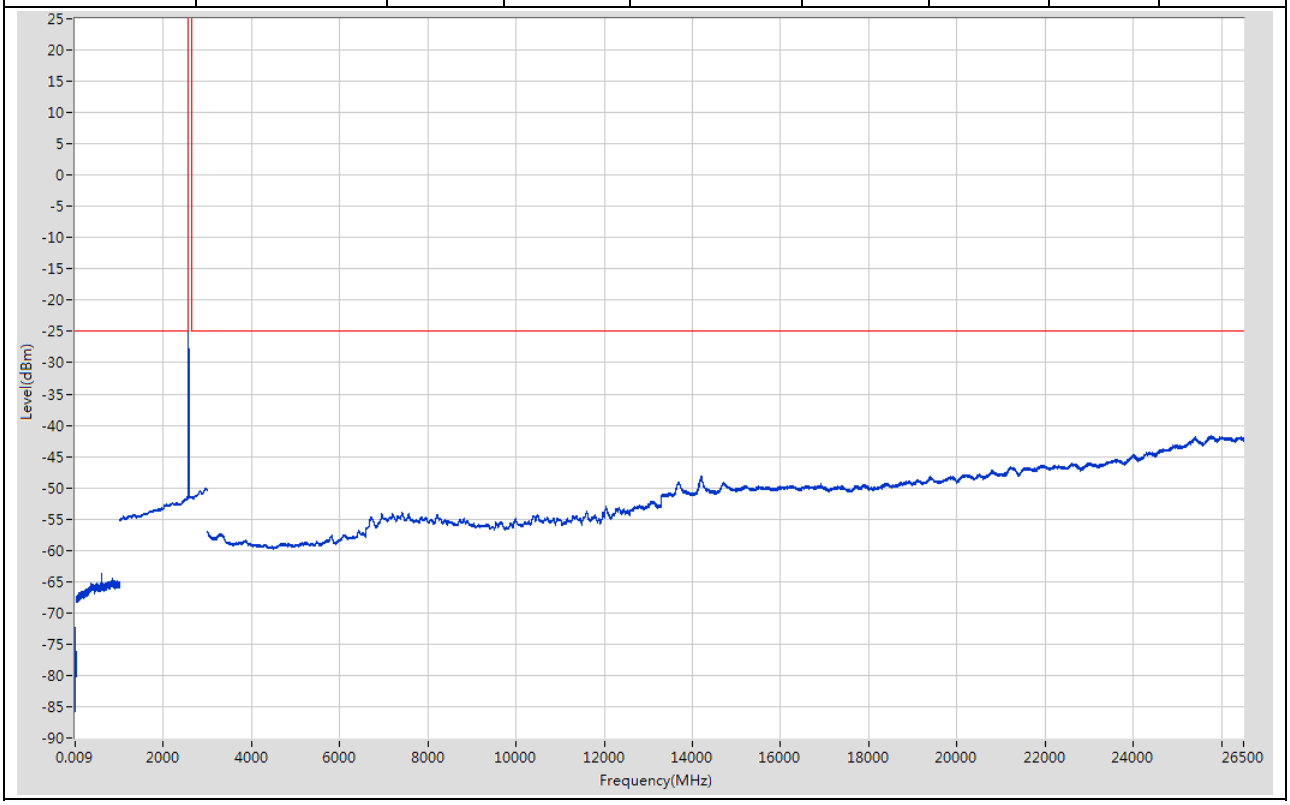
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | Peak | 0.013 | -67.4 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | Peak | 0.18 | -64.12 | -13 | Pass | 2985 |
| 30 | 809 | 0.1 | Peak | 807.5 | -42.13 | -13 | Pass | 7790 |
| 809 | 829 | 0.1 | Peak | 814.8 | 26.56 | 60 | Pass | 401 |
| 829 | 1000 | 0.1 | Peak | 829 | -36.49 | -13 | Pass | 1710 |
| 1000 | 3000 | 1 | Peak | 2949.975 | -38.25 | -13 | Pass | 2000 |
| 3000 | 10000 | 1 | Peak | 7843.692 | -33.16 | -13 | Pass | 7000 |



# 16. LTE_Band38

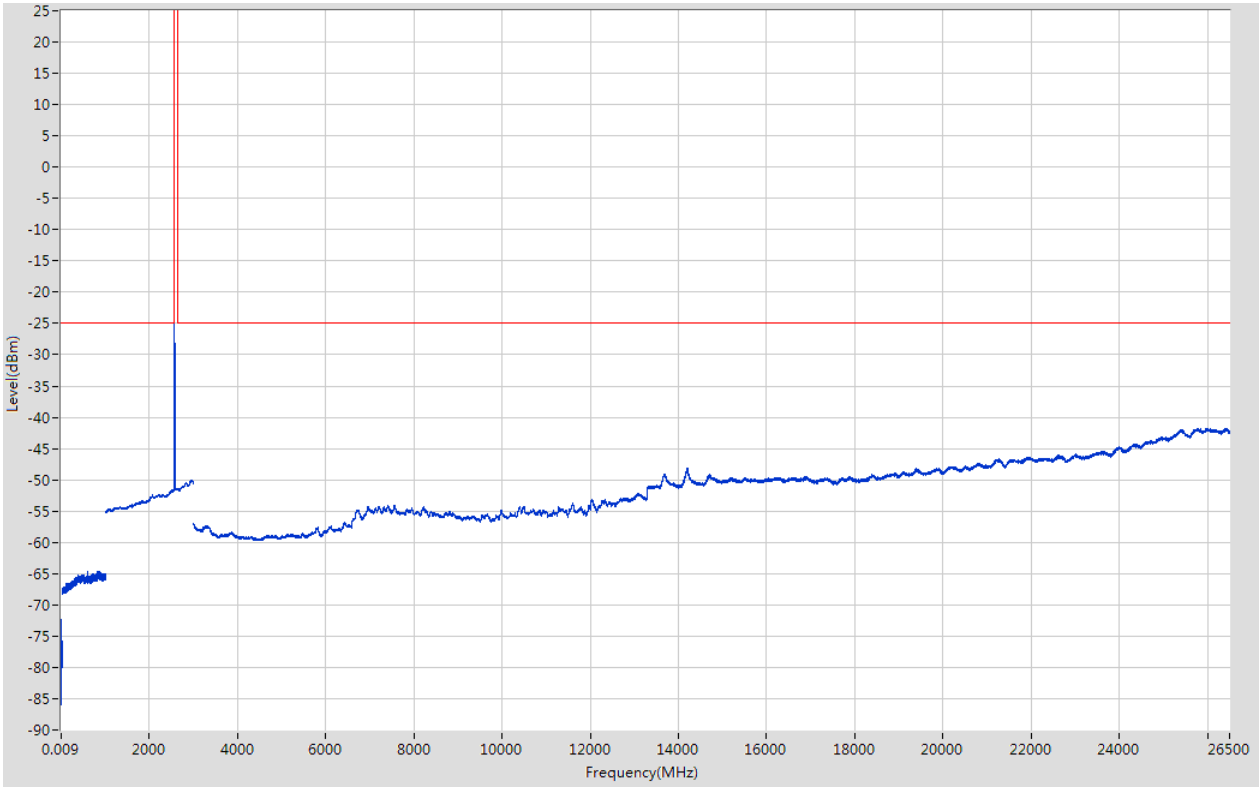
## 16.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:37775, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.71 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.28 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 609.671 | -63.63 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2548.999 | -51.4 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.025 | 18.24 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2959.5 | -50.01 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.72 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25765.884 | -41.67 | -25 | Pass | 14500 |



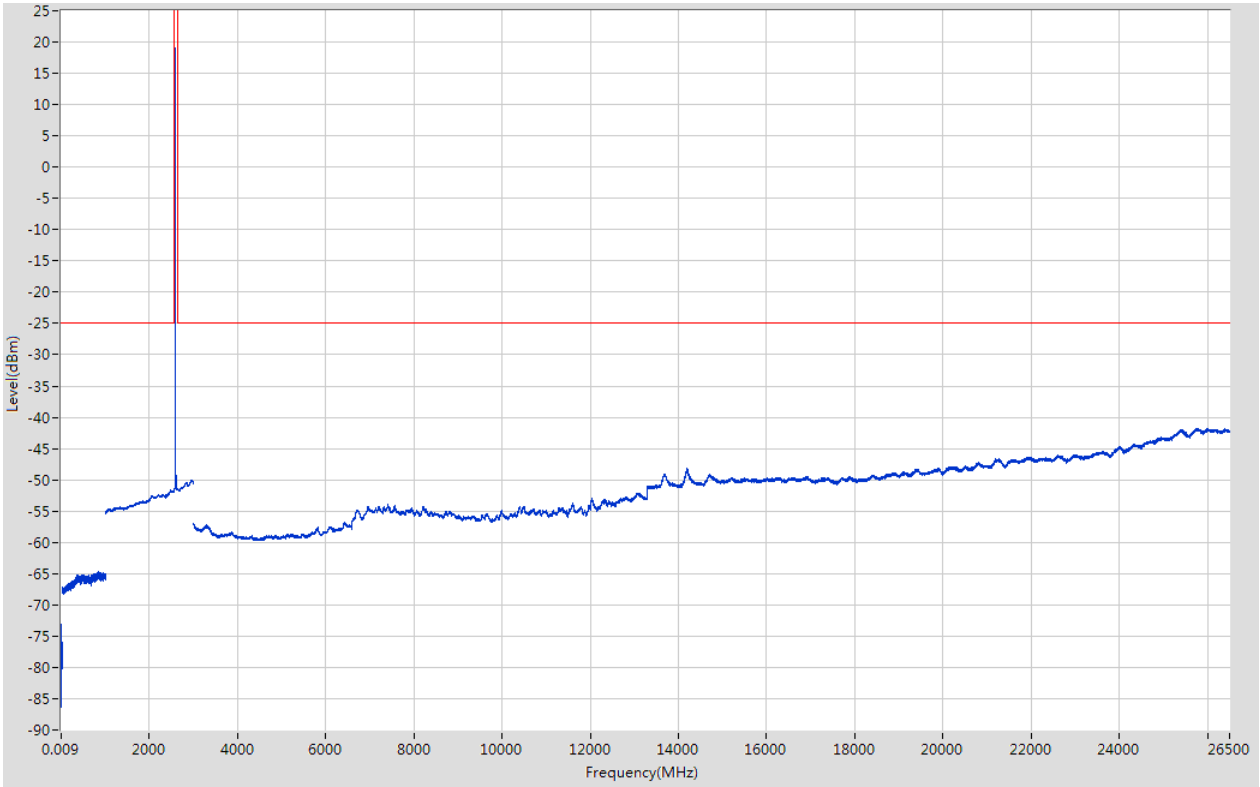
## 16.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:37775, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.14 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.27 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 609.571 | -64.65 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2548.999 | -51.35 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.025 | 18.16 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2947.8 | -49.98 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.78 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26432.989 | -41.82 | -25 | Pass | 14500 |



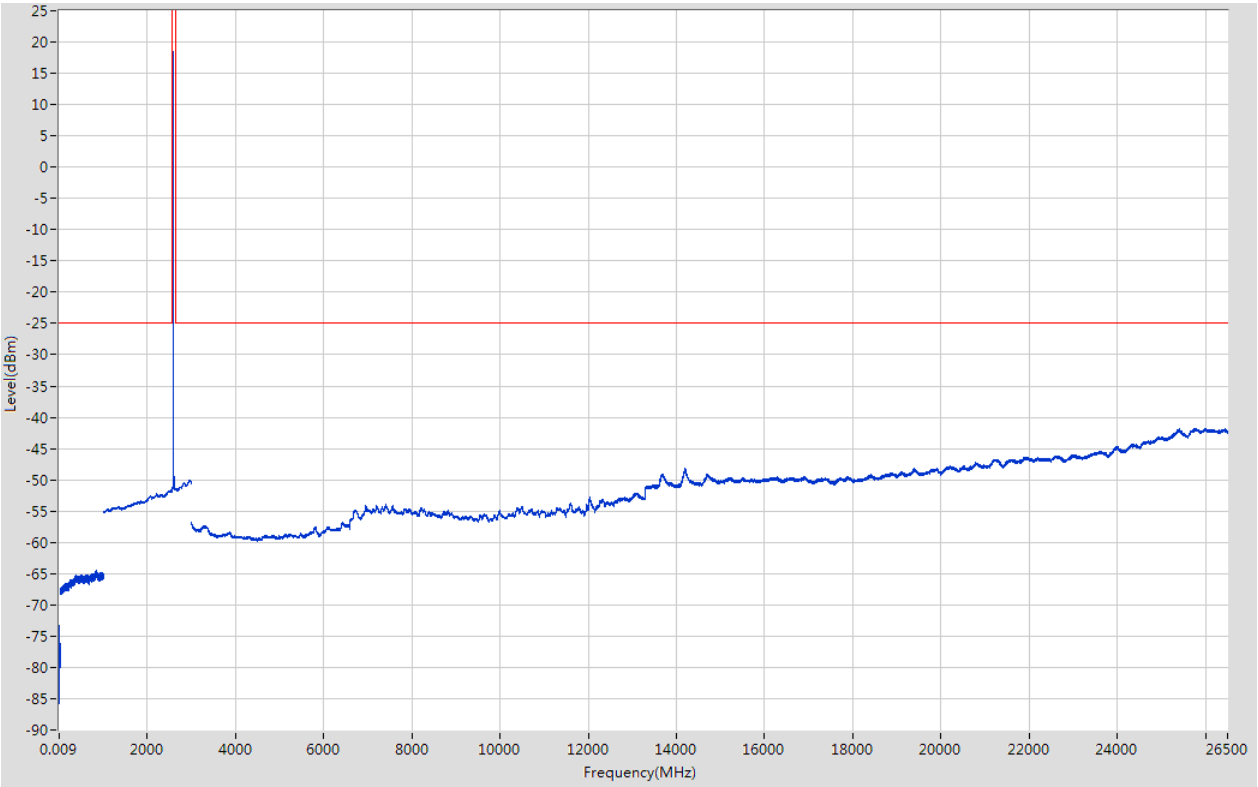
## 16.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:38000, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.69 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -73.07 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 852.404 | -64.65 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2479.955 | -51.69 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2592.75 | 19.14 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2956.8 | -49.99 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.74 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25779.886 | -41.74 | -25 | Pass | 14500 |



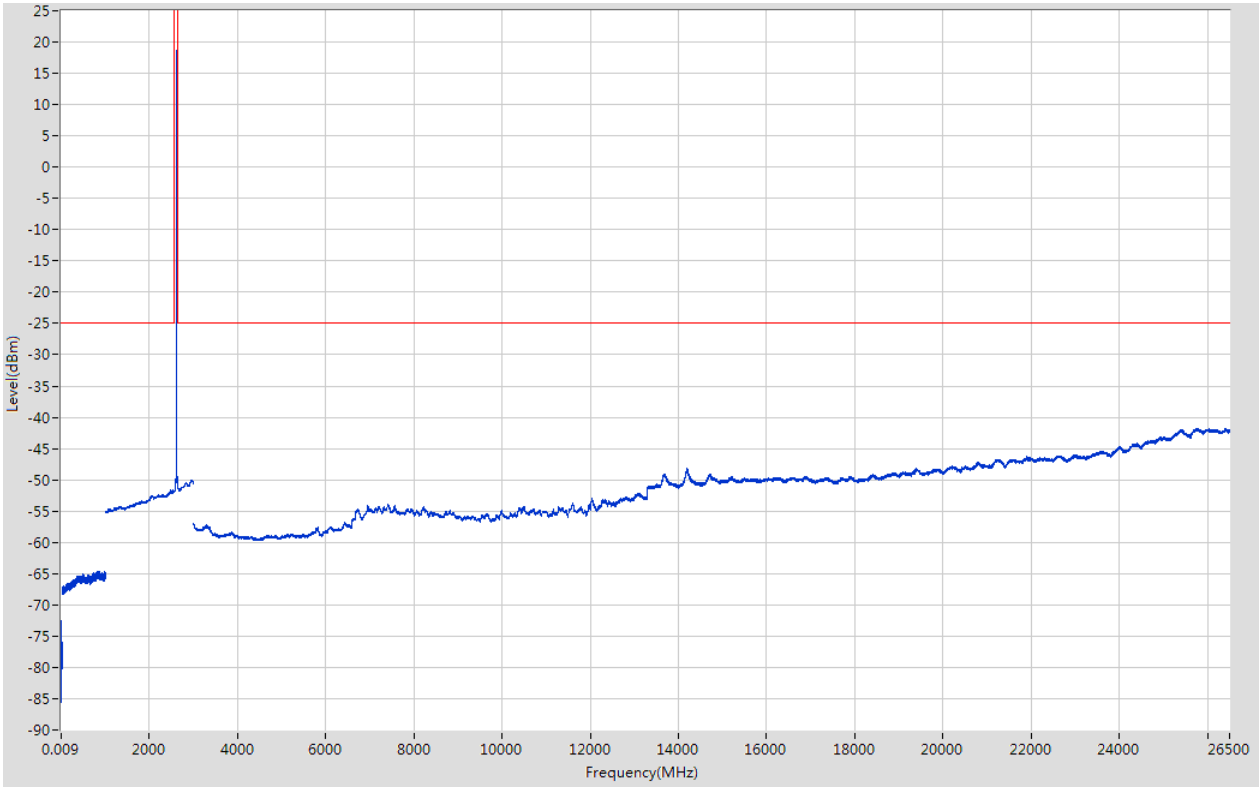
## 16.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:38000, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75.09 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -73.21 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 849.2 | -64.55 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2525.985 | -51.67 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2592.525 | 18.47 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2953.2 | -49.98 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.79 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25410.827 | -41.76 | -25 | Pass | 14500 |



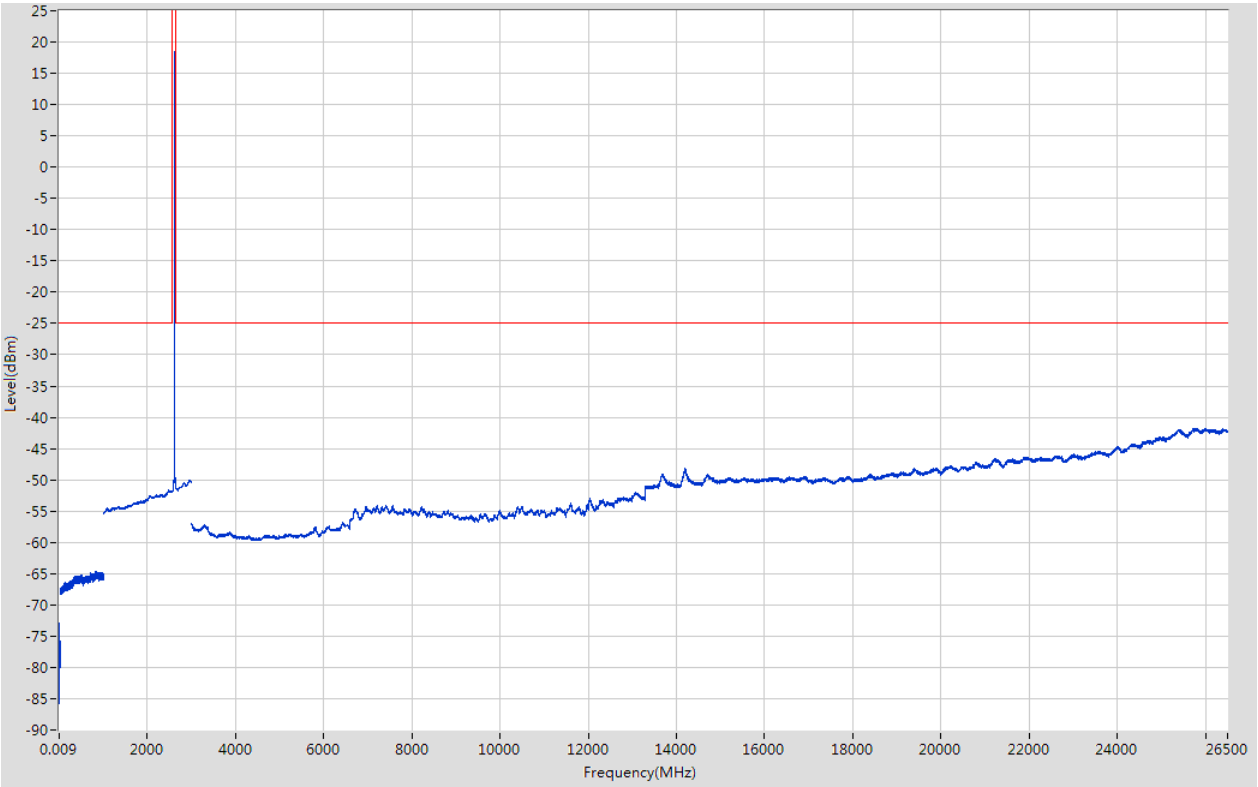
## 16.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:38225, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.93 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.45 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 829.198 | -64.58 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2519.981 | -51.66 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2615.025 | 18.63 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2955.9 | -50 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.73 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26412.986 | -41.76 | -25 | Pass | 14500 |



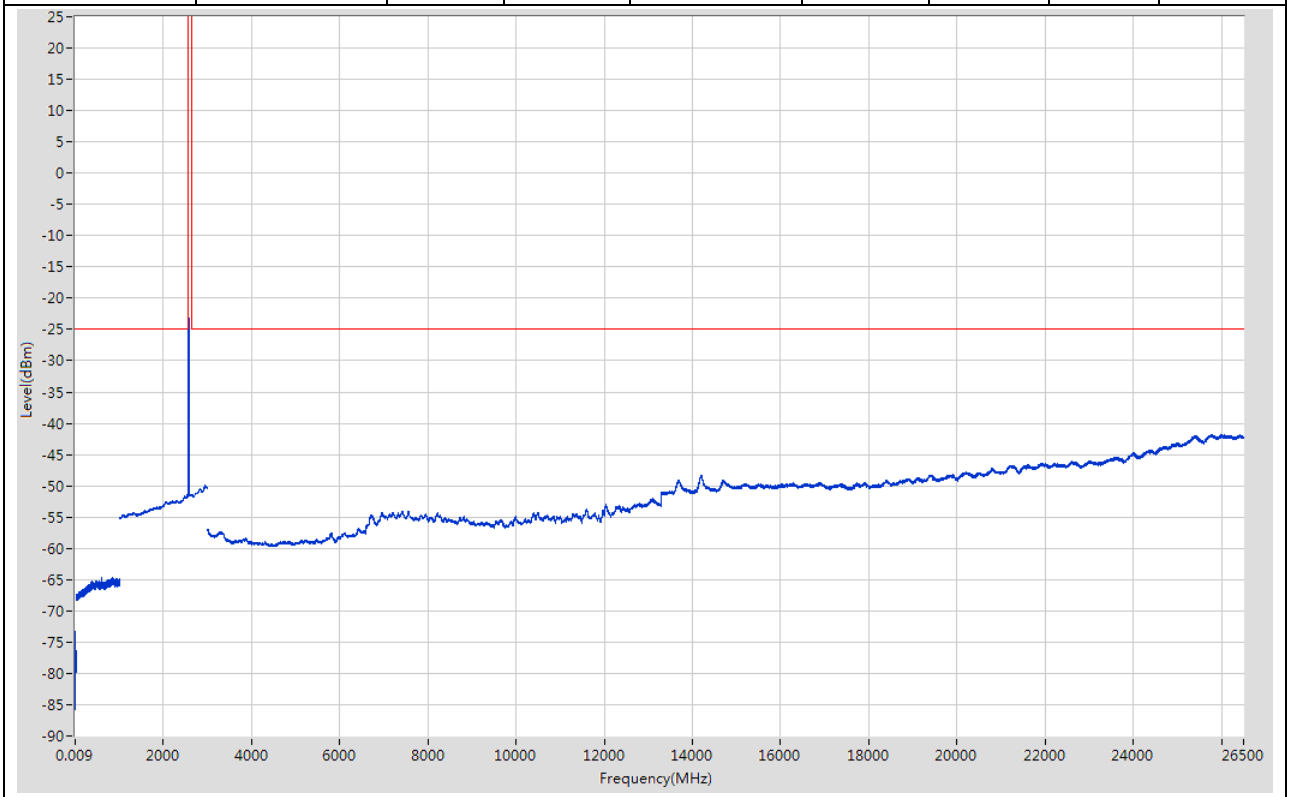
## 16.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:38225, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.67 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.93 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.602 | -64.67 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2488.961 | -51.66 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2615.025 | 18.41 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2942.4 | -50.01 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.76 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25815.892 | -41.77 | -25 | Pass | 14500 |



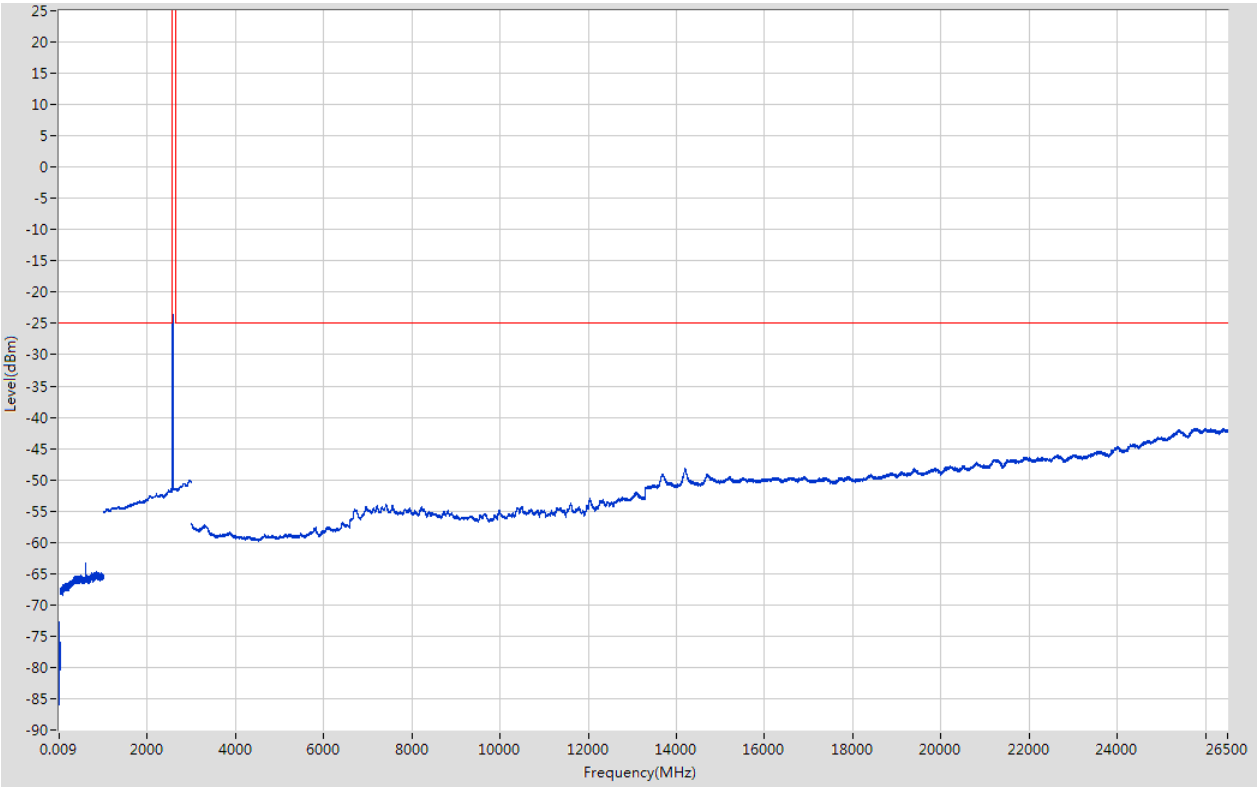
## 16.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:37800, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.05 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -73.25 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 857.01 | -64.59 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2550 | -50.75 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.7 | 18.43 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2947.8 | -49.97 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11605.512 | -53.74 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26429.989 | -41.77 | -25 | Pass | 14500 |



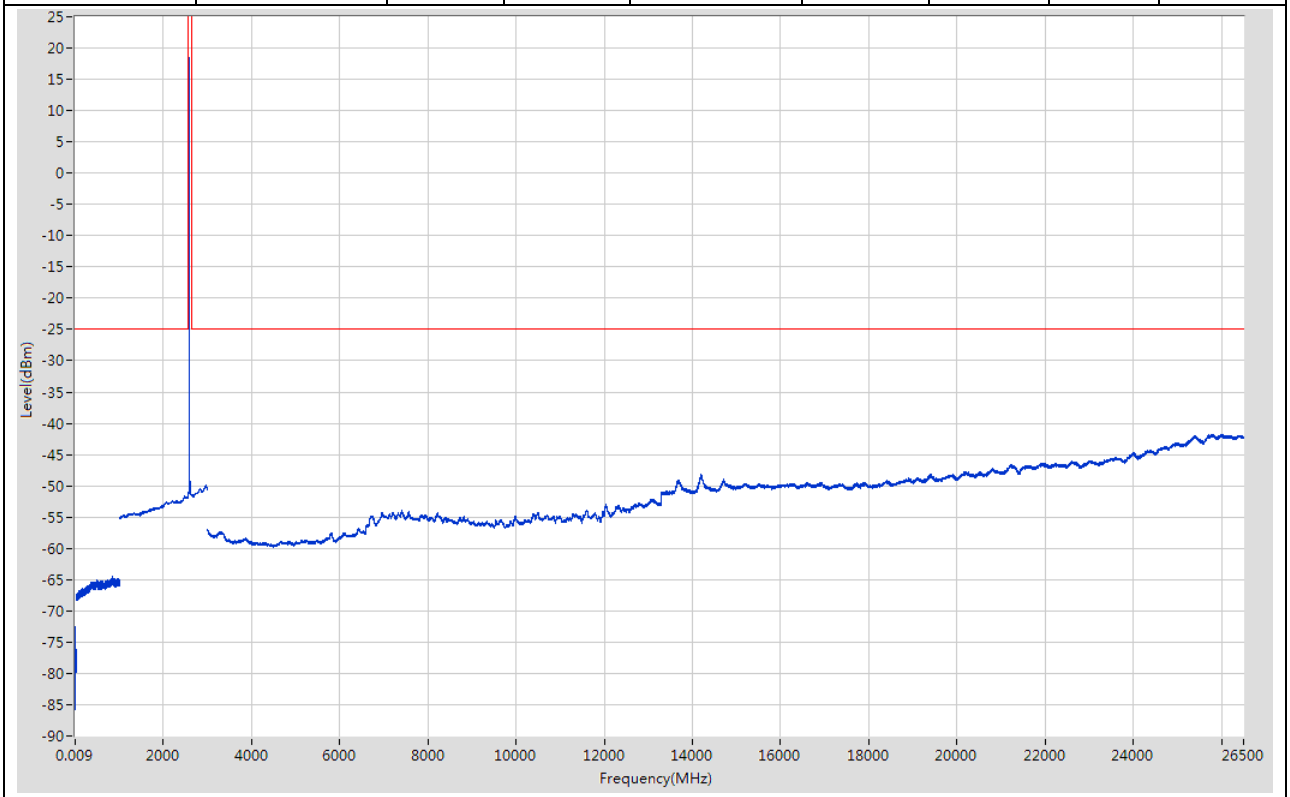
## 16.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:37800, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.96 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.76 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 609.871 | -63.31 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2550 | -50.63 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.25 | 17.66 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2945.1 | -50 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.8 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25763.883 | -41.83 | -25 | Pass | 14500 |



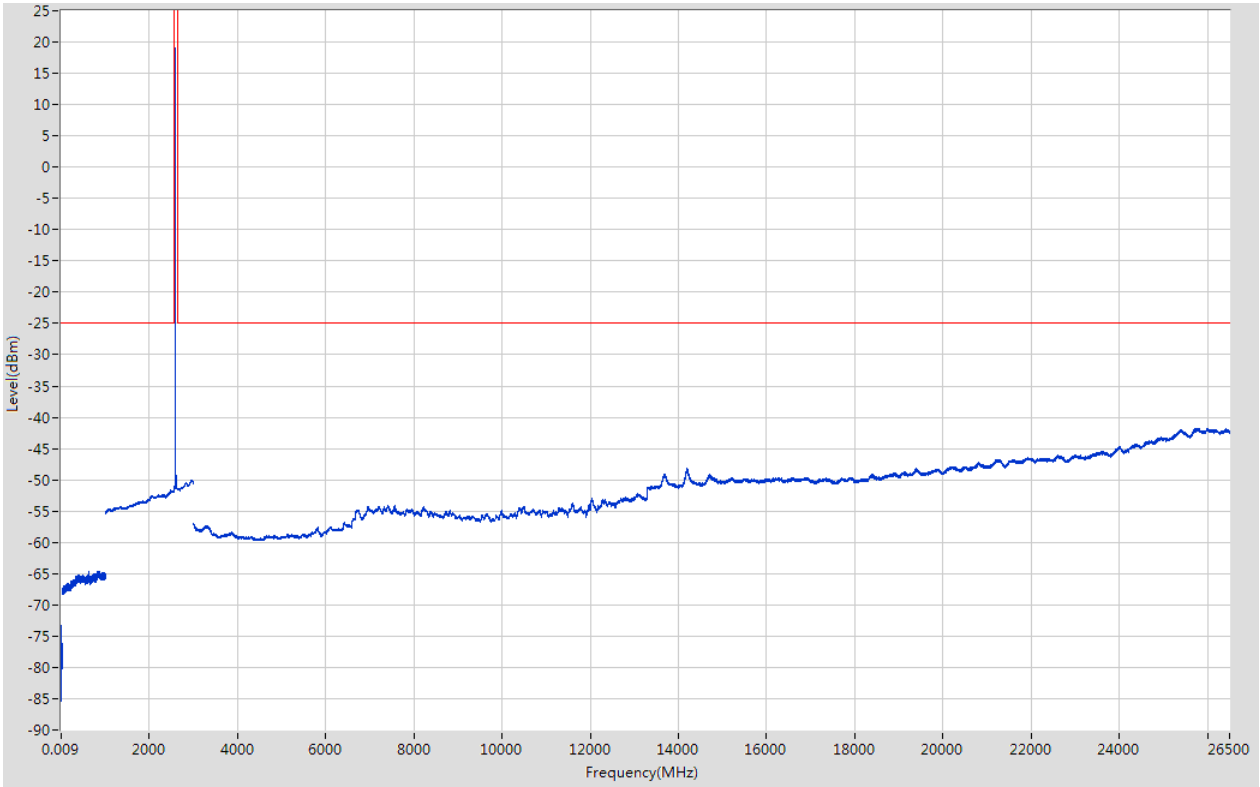
## 16.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:38000, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.91 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.56 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 850.602 | -64.54 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2480.955 | -51.69 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2590.275 | 18.38 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2956.8 | -49.97 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.82 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25781.886 | -41.79 | -25 | Pass | 14500 |



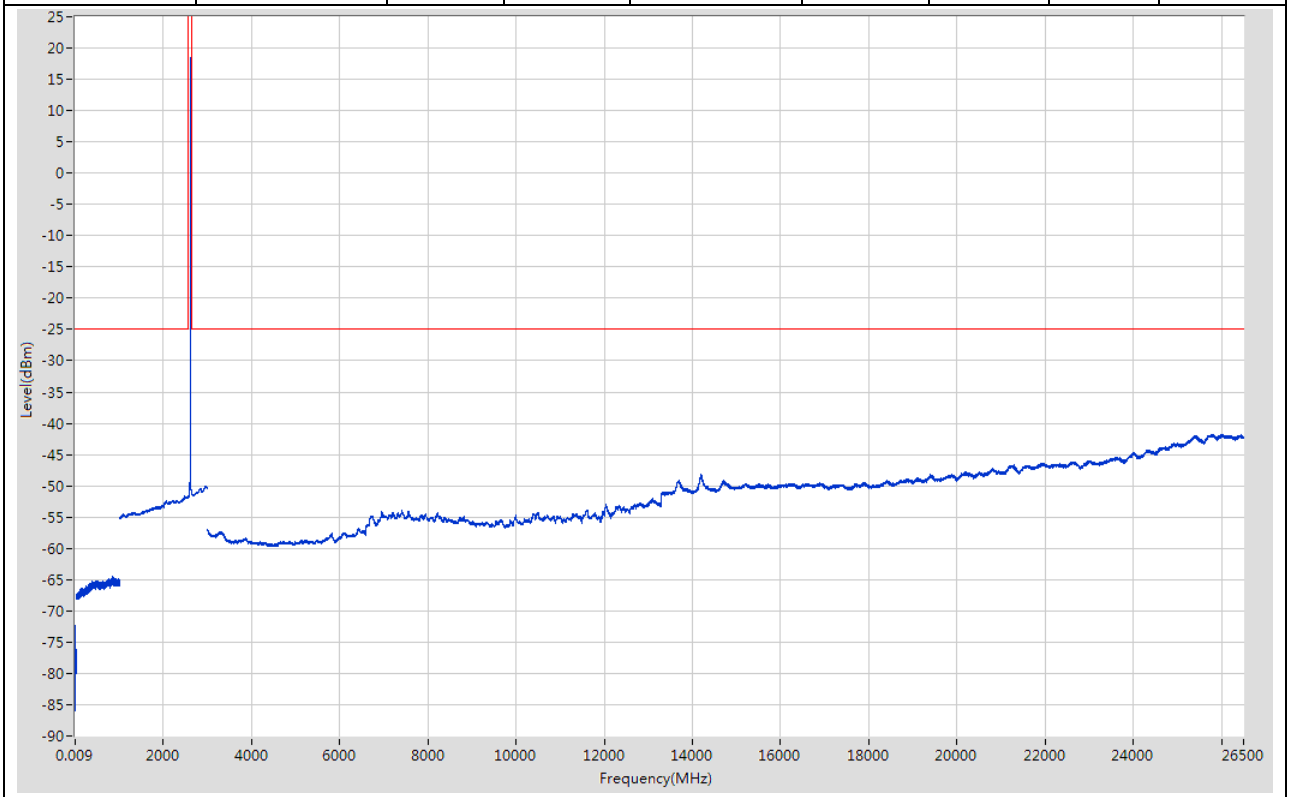
## 16.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:38000, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.41 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -73.25 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.098 | -64.61 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2489.961 | -51.68 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2590.5 | 19.05 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2944.2 | -49.99 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.79 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25726.877 | -41.88 | -25 | Pass | 14500 |



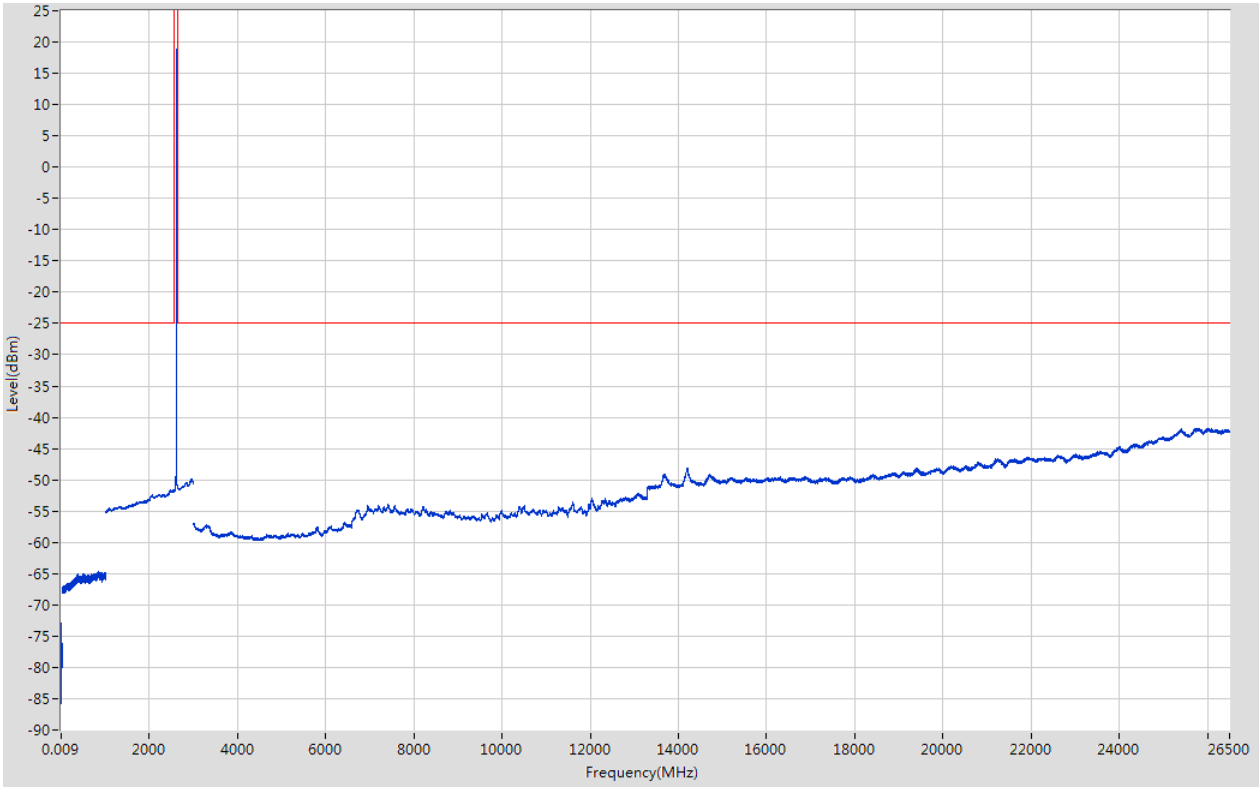
## 16.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:38200, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -74.89 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.41 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 846.2 | -64.47 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2487.96 | -51.66 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2610.525 | 18.43 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2945.1 | -49.98 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.83 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25800.889 | -41.79 | -25 | Pass | 14500 |



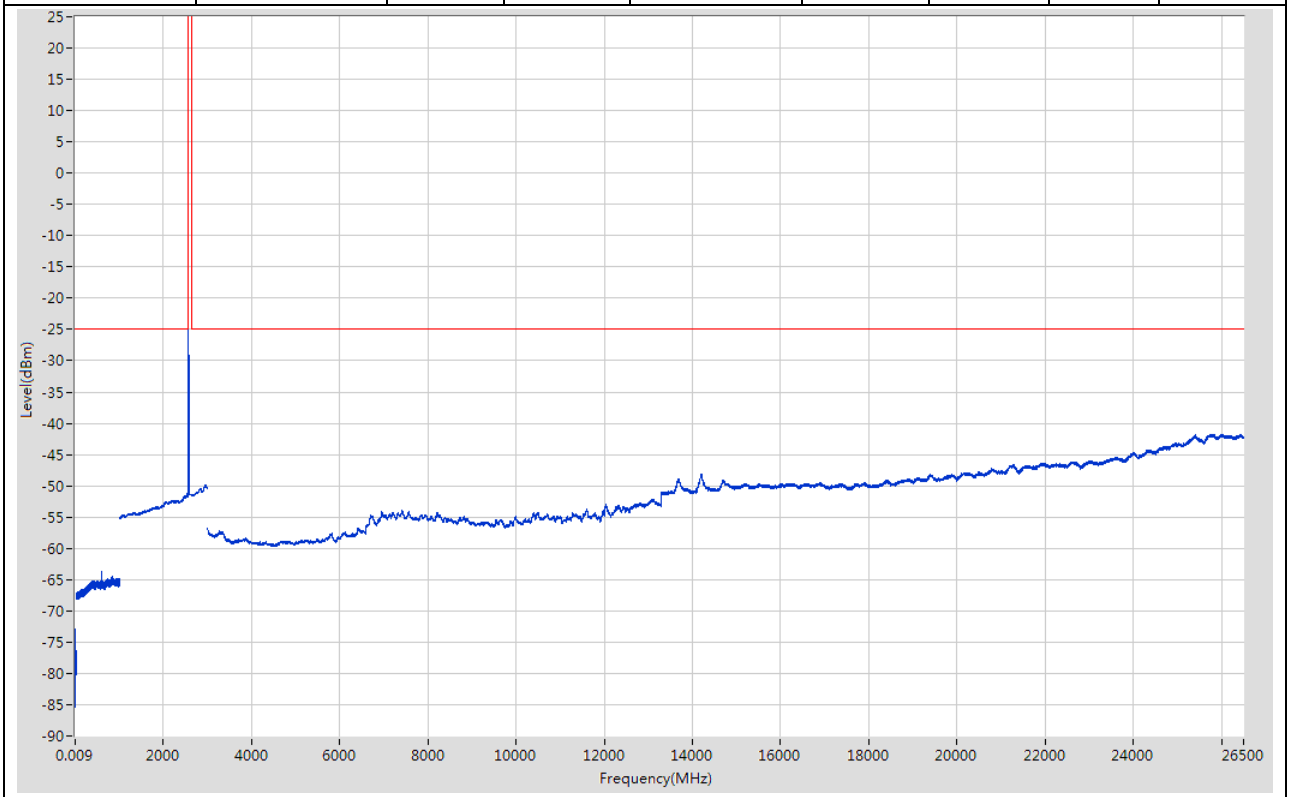
## 16.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:38200, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.36 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.9 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 833.498 | -64.65 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2476.953 | -51.63 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2610.525 | 18.79 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2949.6 | -49.96 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.55 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25797.889 | -41.81 | -25 | Pass | 14500 |



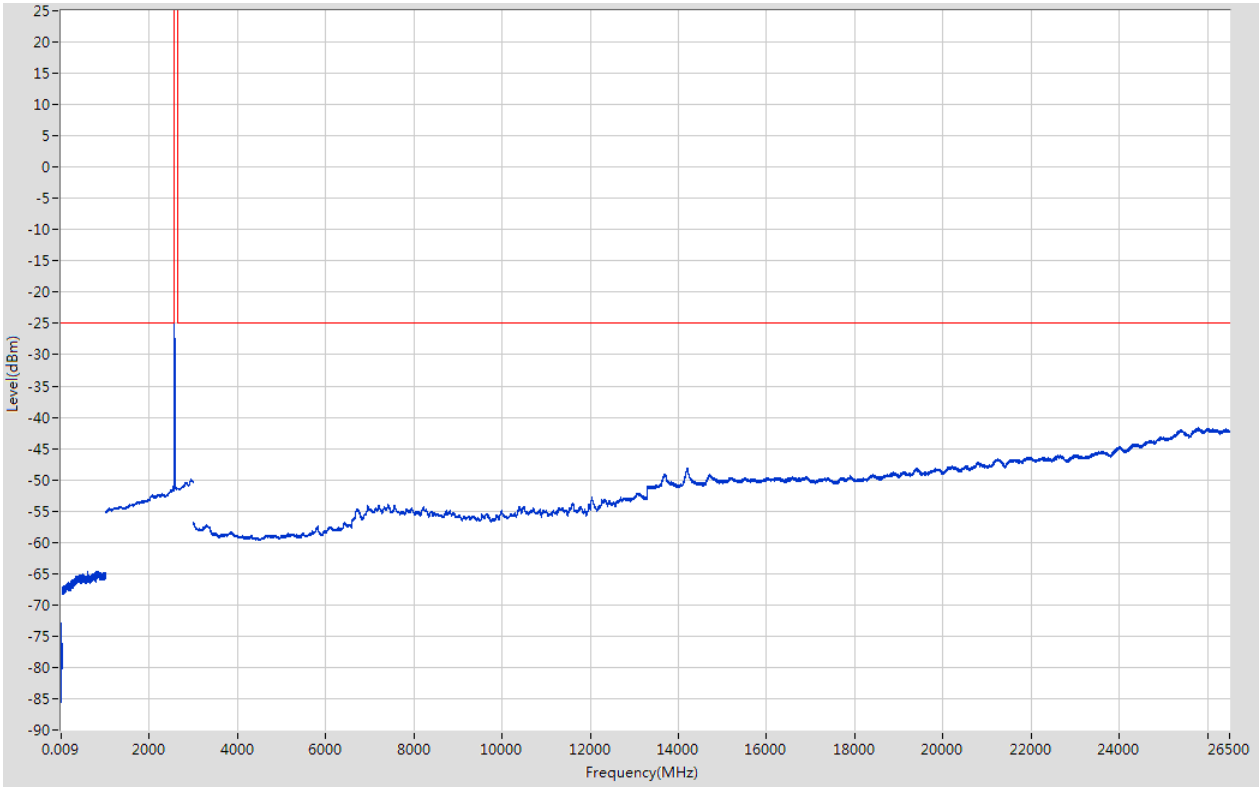
## 16.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:37825, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.3 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.86 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 610.171 | -63.68 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2548.999 | -50.42 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.7 | 18.93 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2956.8 | -49.9 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11602.508 | -53.77 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25797.889 | -41.76 | -25 | Pass | 14500 |



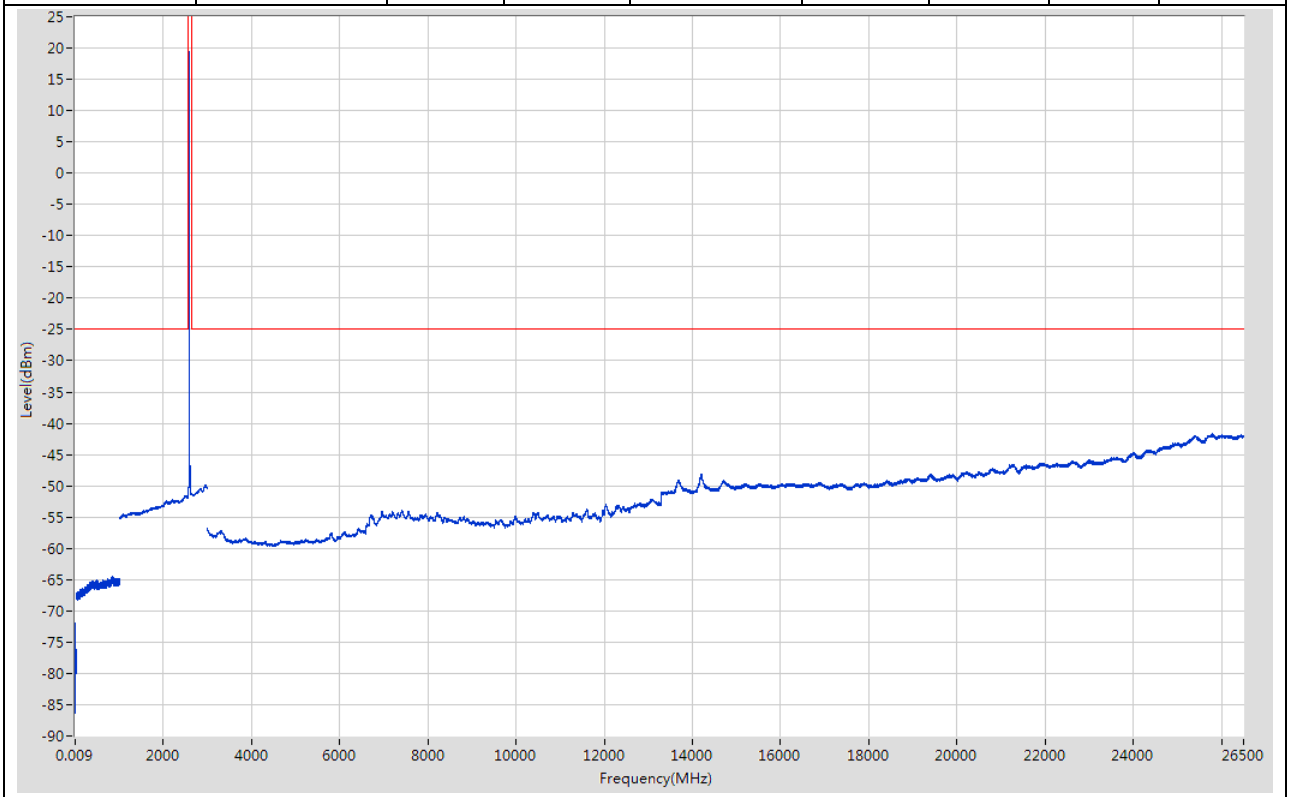
## 16.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:37825, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.33 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.95 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.499 | -64.62 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2550 | -51.06 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2570.7 | 19.02 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2948.7 | -49.9 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11611.519 | -53.79 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25798.889 | -41.68 | -25 | Pass | 14500 |



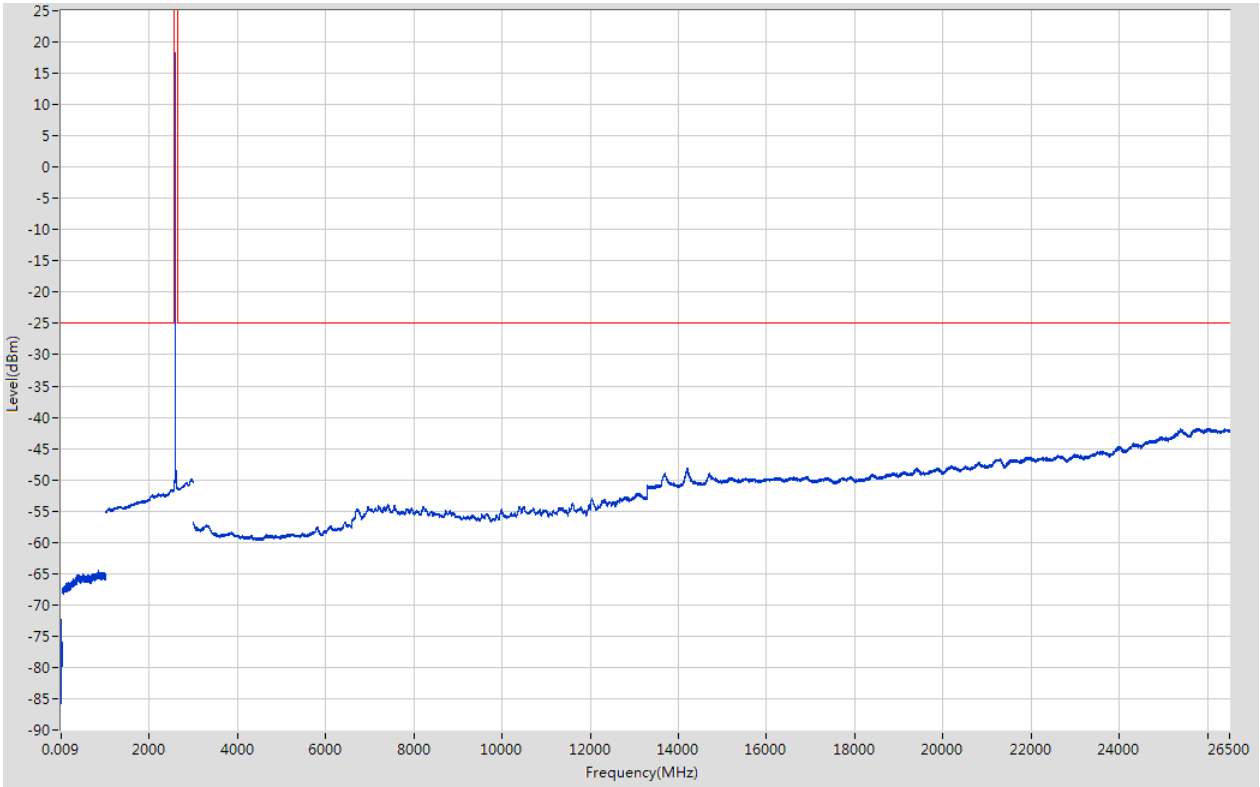
## 16.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:38000, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.16 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.04 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 839.099 | -64.5 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2486.959 | -51.59 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2588.25 | 19.35 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2947.8 | -49.93 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -53.72 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25794.888 | -41.68 | -25 | Pass | 14500 |



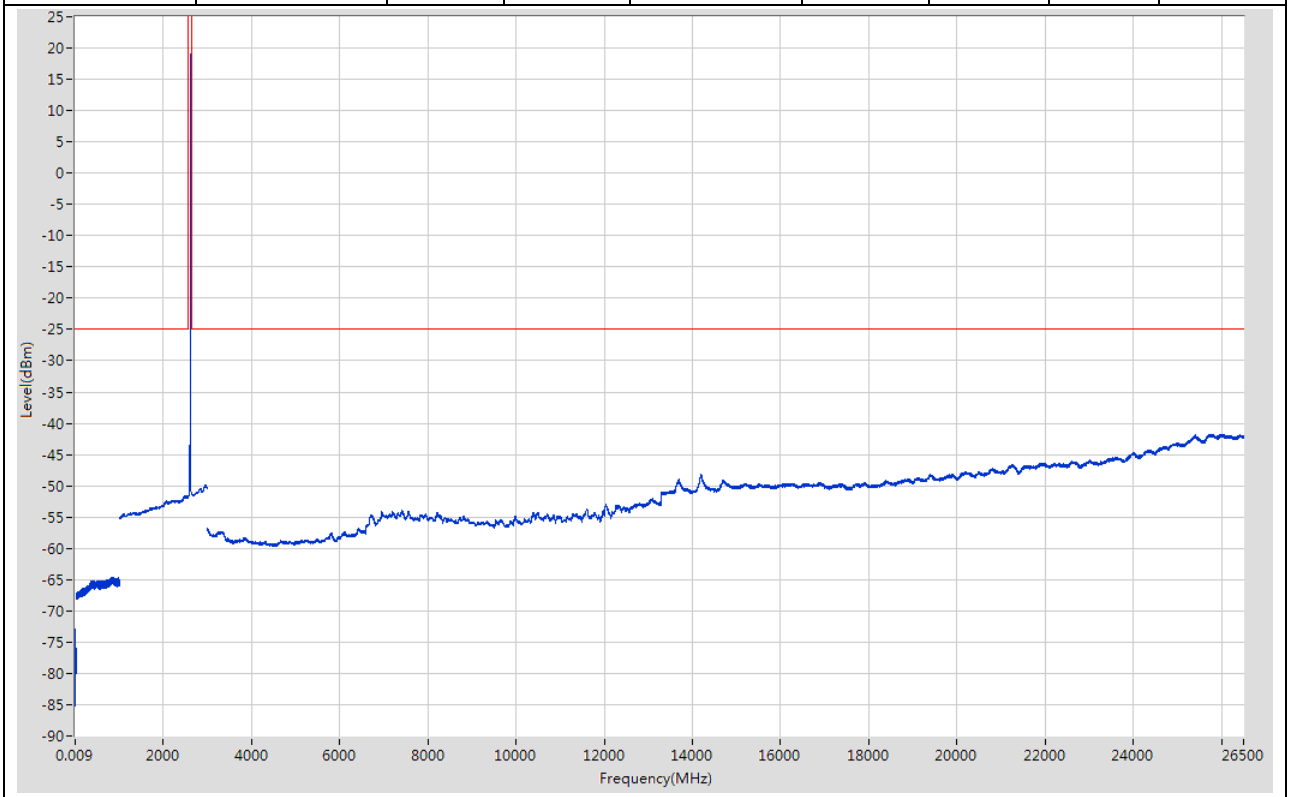
## 16.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:38000, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -75.59 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.34 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.198 | -64.41 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2478.954 | -51.61 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2588.25 | 18.37 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2954.1 | -49.92 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.69 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26001.921 | -41.8 | -25 | Pass | 14500 |



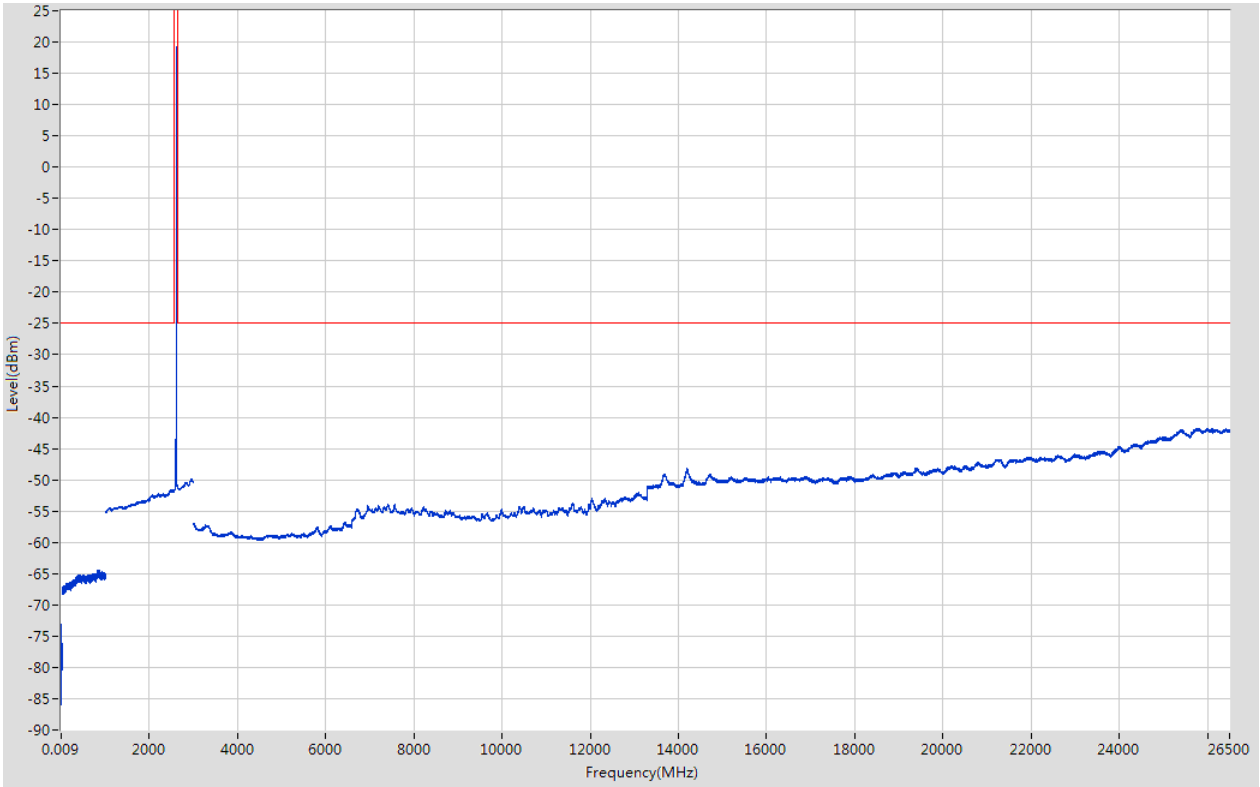
## 16.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:38175, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.27 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.85 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 845.099 | -64.58 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2489.961 | -51.57 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2605.8 | 19.08 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2956.8 | -49.87 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -53.69 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25750.881 | -41.78 | -25 | Pass | 14500 |



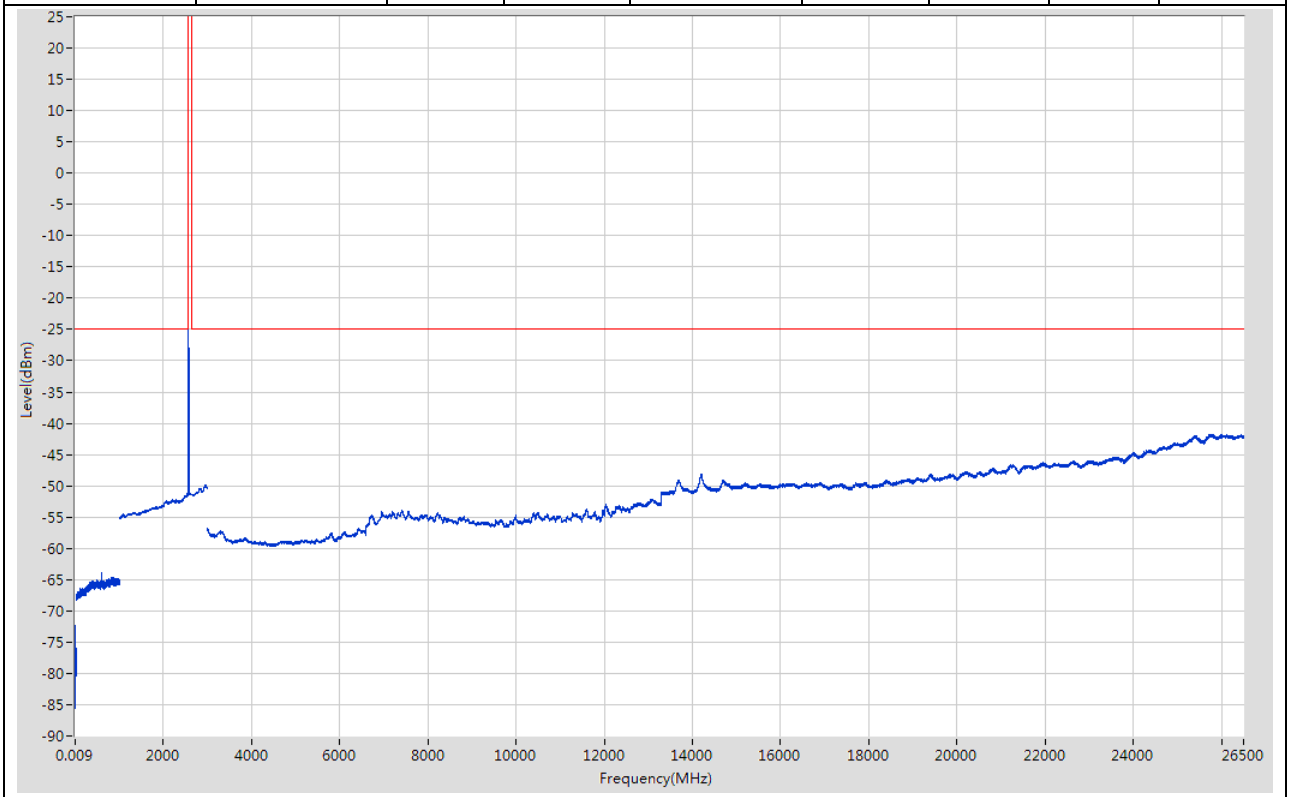
## 16.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:38175, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.78 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -73.18 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 839.099 | -64.49 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2483.957 | -51.58 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2605.8 | 19.2 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2948.7 | -49.87 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11604.511 | -53.74 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25748.881 | -41.75 | -25 | Pass | 14500 |



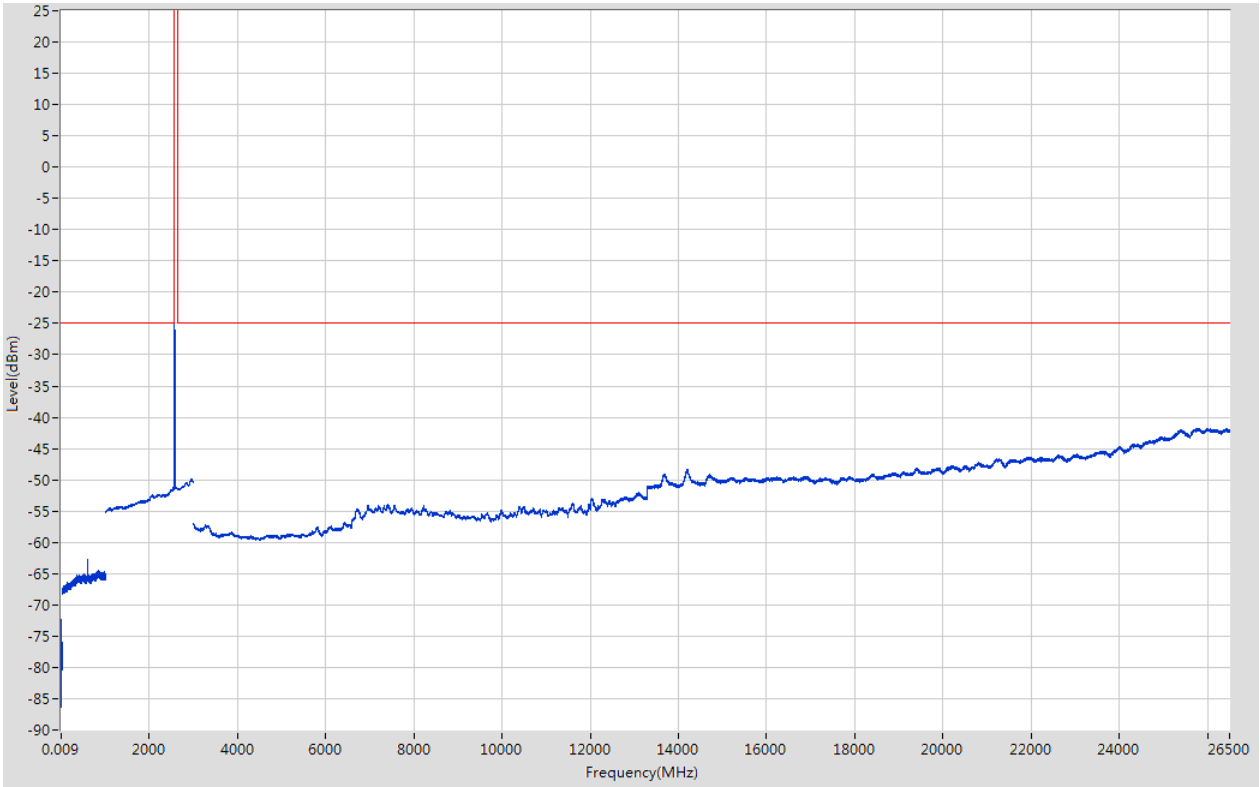
## 16.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:37850, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.44 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -72.36 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 610.471 | -63.97 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2550 | -50.54 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2571.15 | 19.12 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2946 | -49.93 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.74 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25785.887 | -41.74 | -25 | Pass | 14500 |



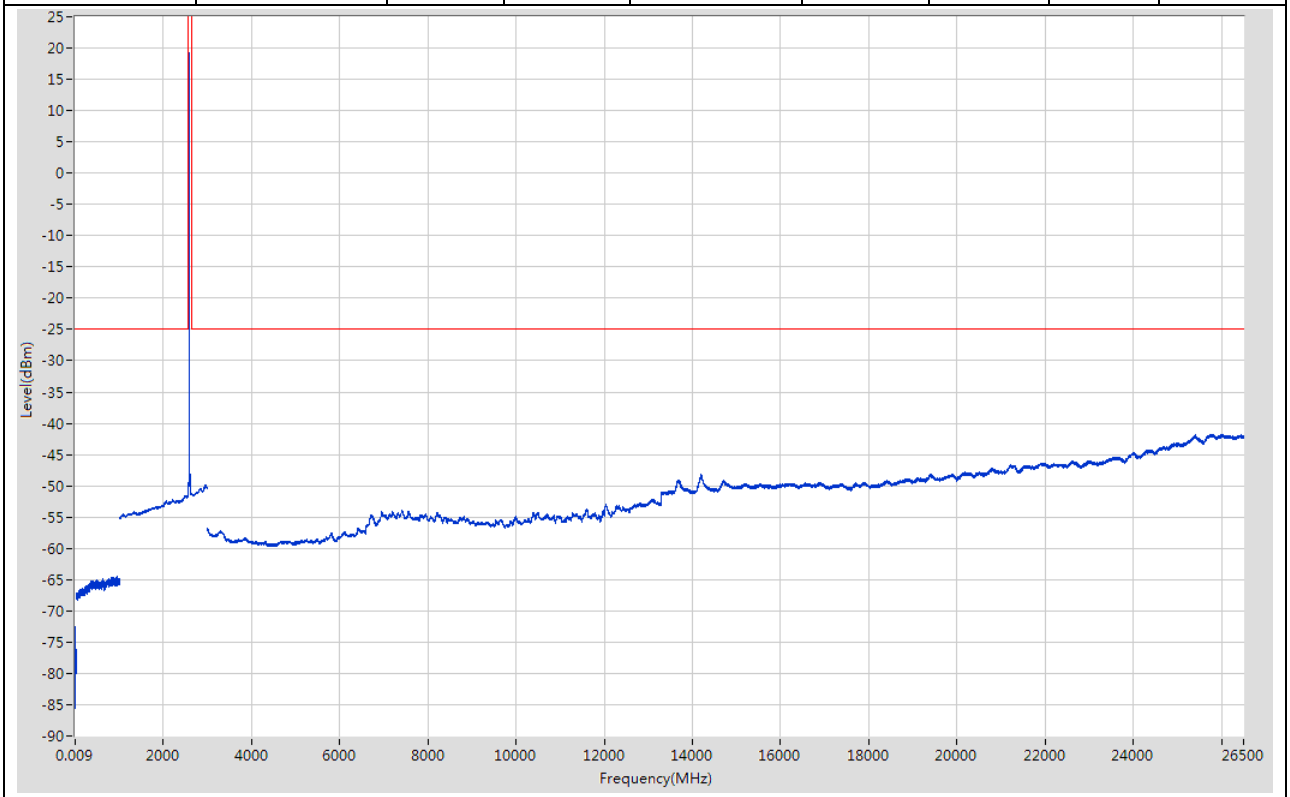
## 16.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:37850, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.5 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.24 | -72.4 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 610.371 | -62.81 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2548.999 | -51.01 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2571.15 | 19.33 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2947.8 | -49.9 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.67 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25795.888 | -41.79 | -25 | Pass | 14500 |



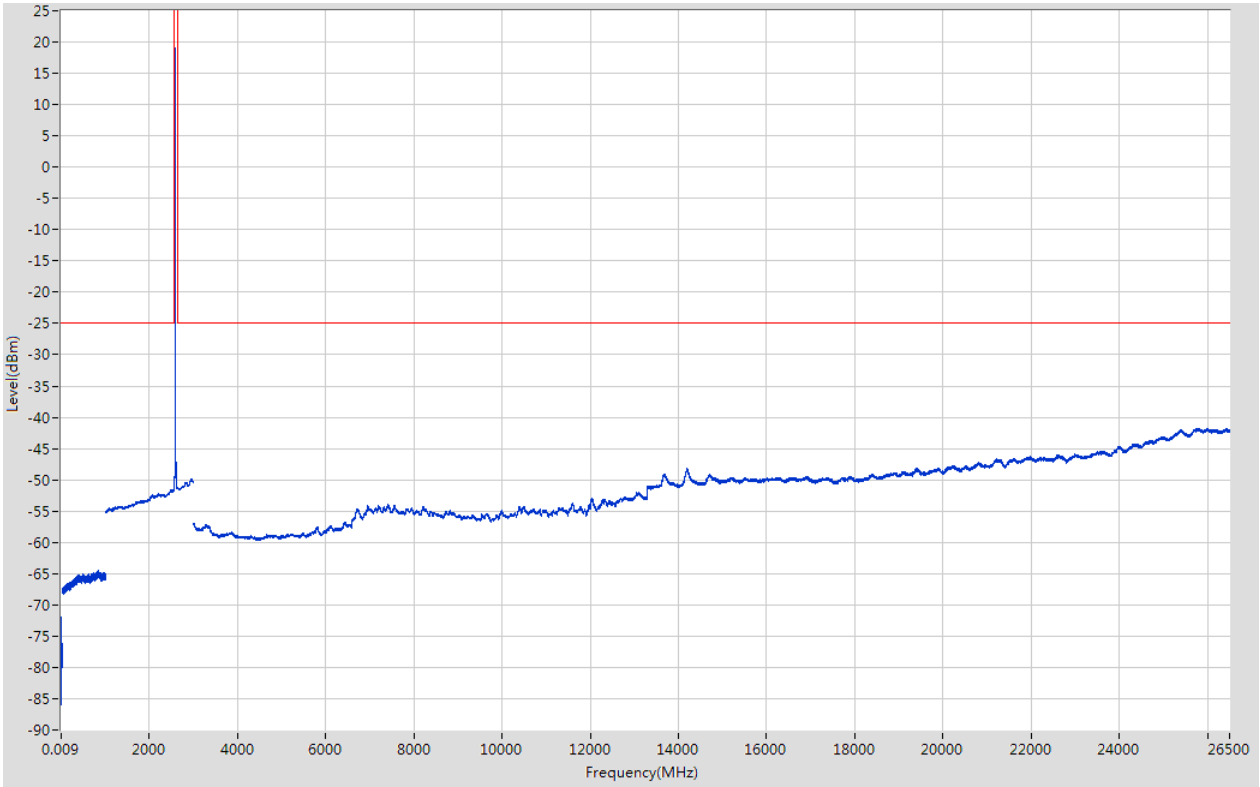
## 16.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:38000, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.88 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.34 | -72.54 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 942.424 | -64.52 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2479.955 | -51.63 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2586 | 19.29 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2951.4 | -49.92 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11602.508 | -53.71 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25792.888 | -41.72 | -25 | Pass | 14500 |



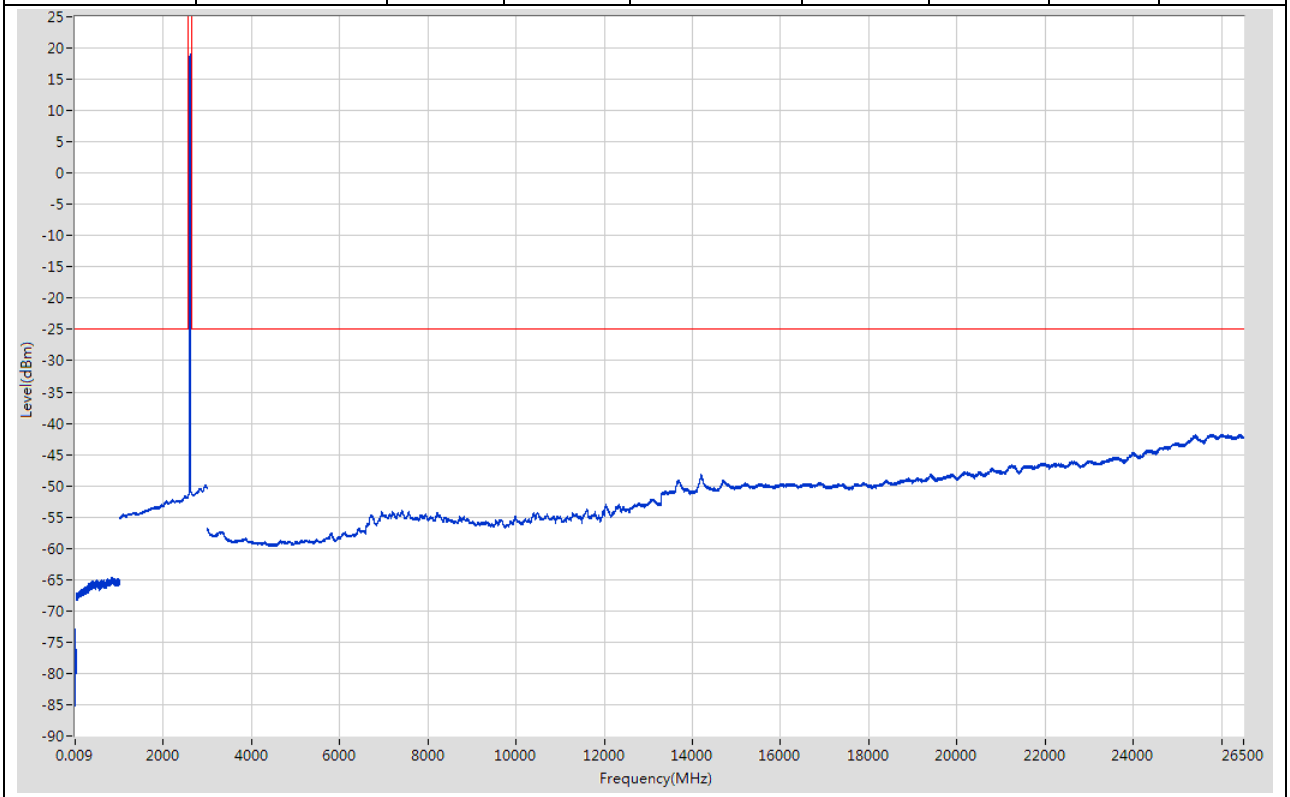
## 16.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:38000, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.3 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.95 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.799 | -64.55 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2487.96 | -51.53 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2586 | 19.13 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2951.4 | -49.94 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11603.509 | -53.71 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25821.893 | -41.79 | -25 | Pass | 14500 |



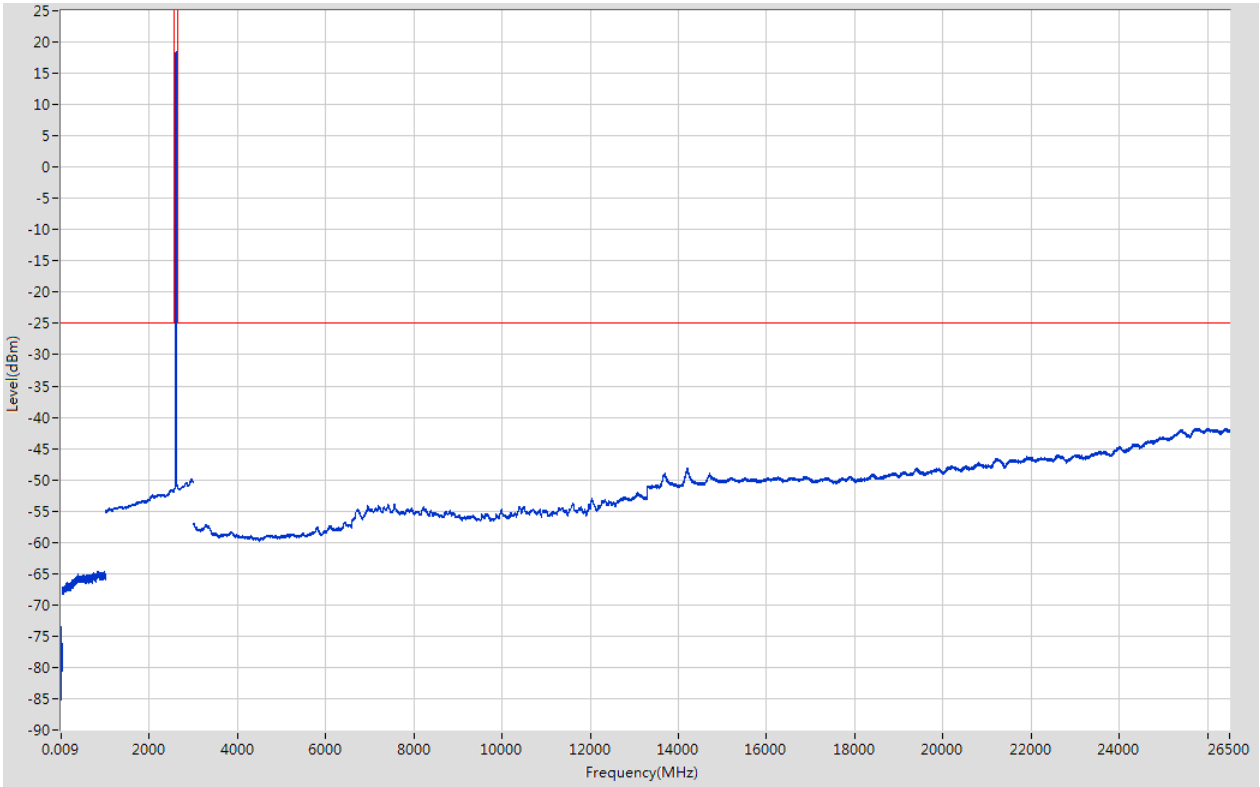
## 16.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:38150, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.89 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.95 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 824.297 | -64.6 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2512.976 | -51.63 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2601.075 | 19.06 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2954.1 | -49.9 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11610.518 | -53.75 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26005.922 | -41.77 | -25 | Pass | 14500 |



## 16.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:38150, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

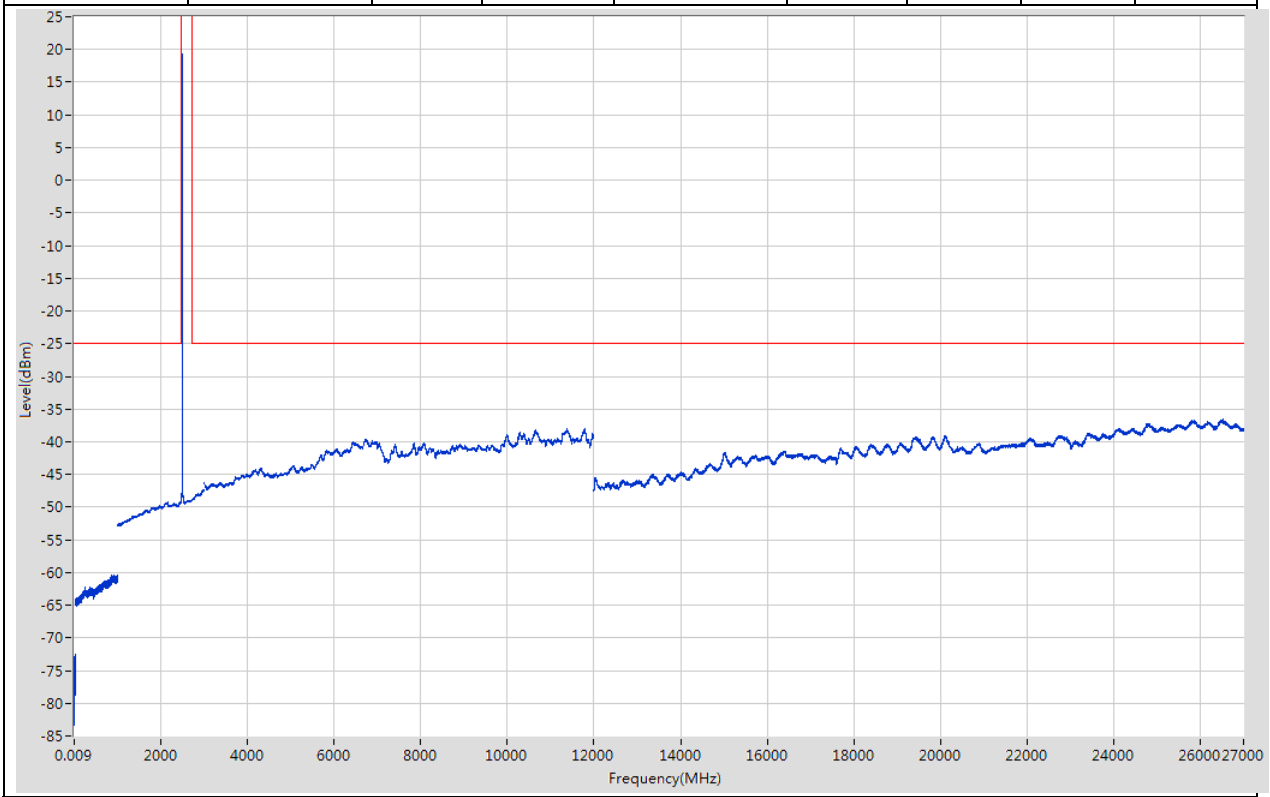
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -73.97 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -73.39 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 820.196 | -64.57 | -25 | Pass | 9699 |
| 1000 | 2550 | 1 | RMS | 2479.955 | -51.63 | -25 | Pass | 1550 |
| 2550 | 2640 | 1 | RMS | 2601.075 | 18.55 | 60 | Pass | 401 |
| 2640 | 3000 | 1 | RMS | 2945.1 | -49.93 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -53.64 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 26399.984 | -41.75 | -25 | Pass | 14500 |



# 17. LTE_Band41 full

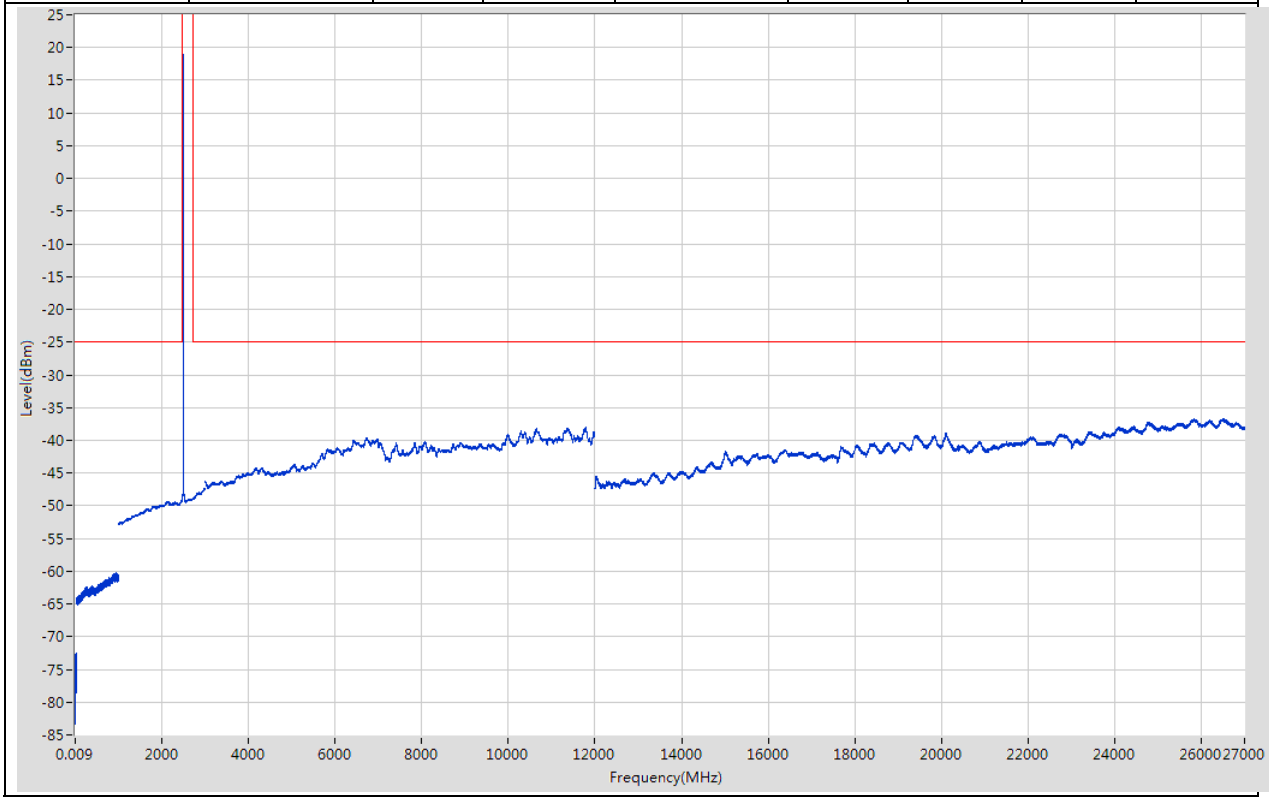
## 17.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.45 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 23.128 | -72.53 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 927.593 | -60.41 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2476 | -48.99 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.348 | 19.27 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2991.174 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11788.977 | -38.04 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26514.968 | -36.57 | -25 | Pass | 15000 |



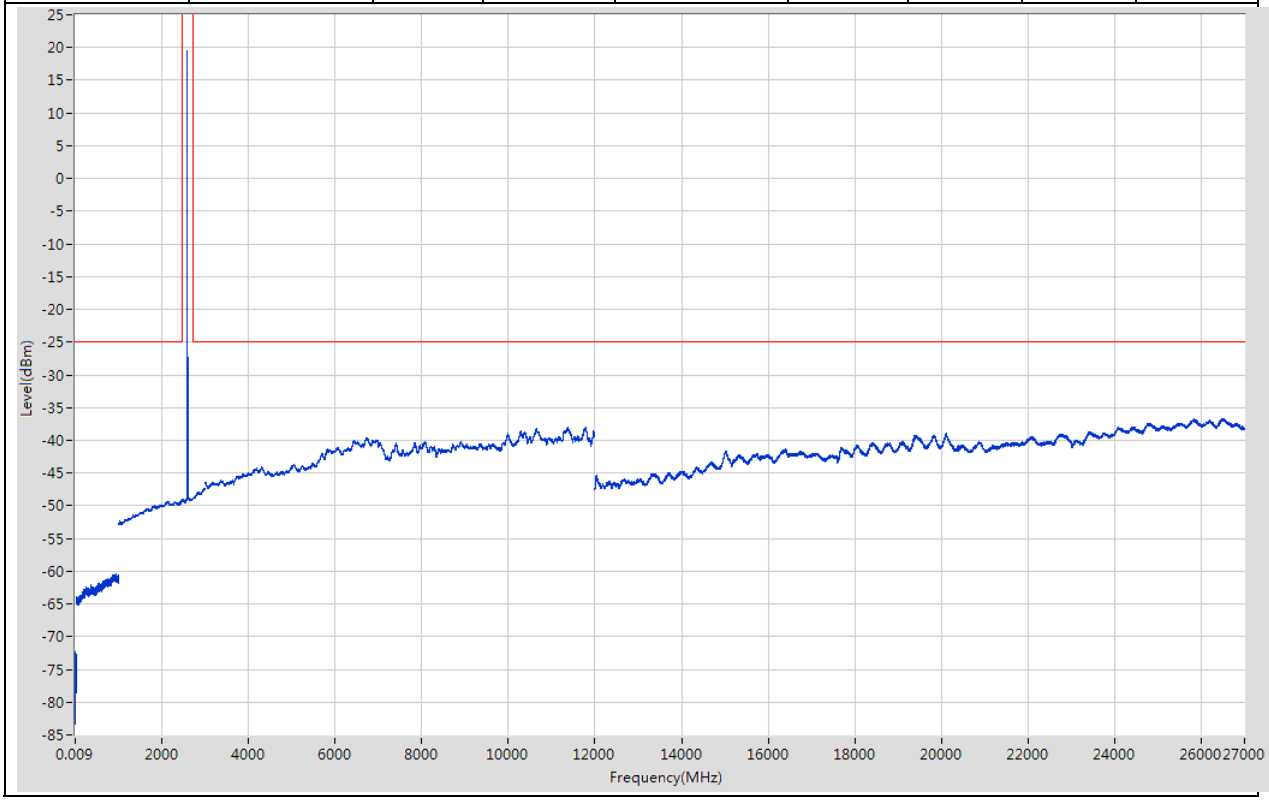
## 17.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:39675, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.5 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 22.588 | -72.5 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 936.693 | -60.28 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2473.999 | -48.9 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.348 | 18.94 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2987.812 | -47.37 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11782.976 | -37.97 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26495.966 | -36.67 | -25 | Pass | 15000 |



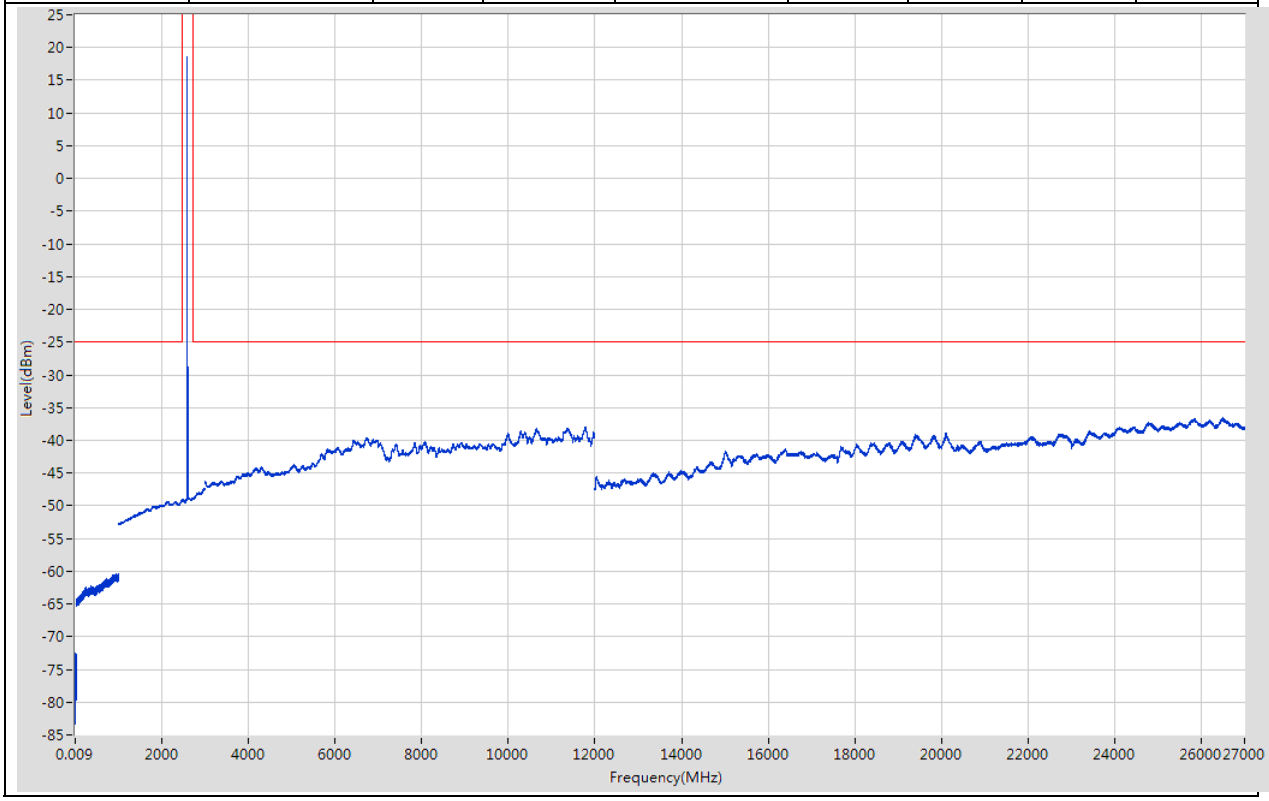
## 17.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.52 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.33 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 939.594 | -60.47 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2473.999 | -49.06 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2590.965 | 19.45 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2997.899 | -47.41 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11793.977 | -38.05 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26500.967 | -36.68 | -25 | Pass | 15000 |



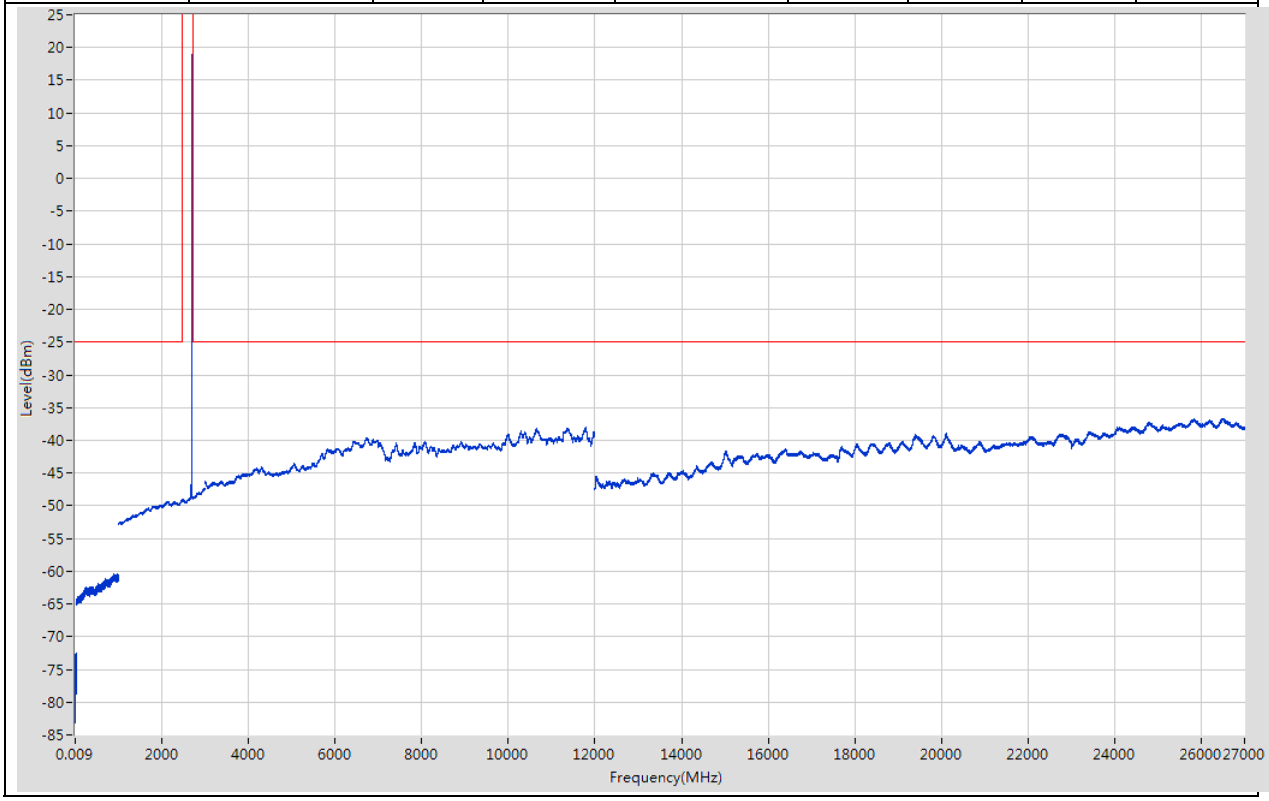
## 17.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:40620, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.44 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.52 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 932.693 | -60.37 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2467.995 | -49.04 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2590.965 | 18.5 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2992.014 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11788.977 | -37.93 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26493.966 | -36.58 | -25 | Pass | 15000 |



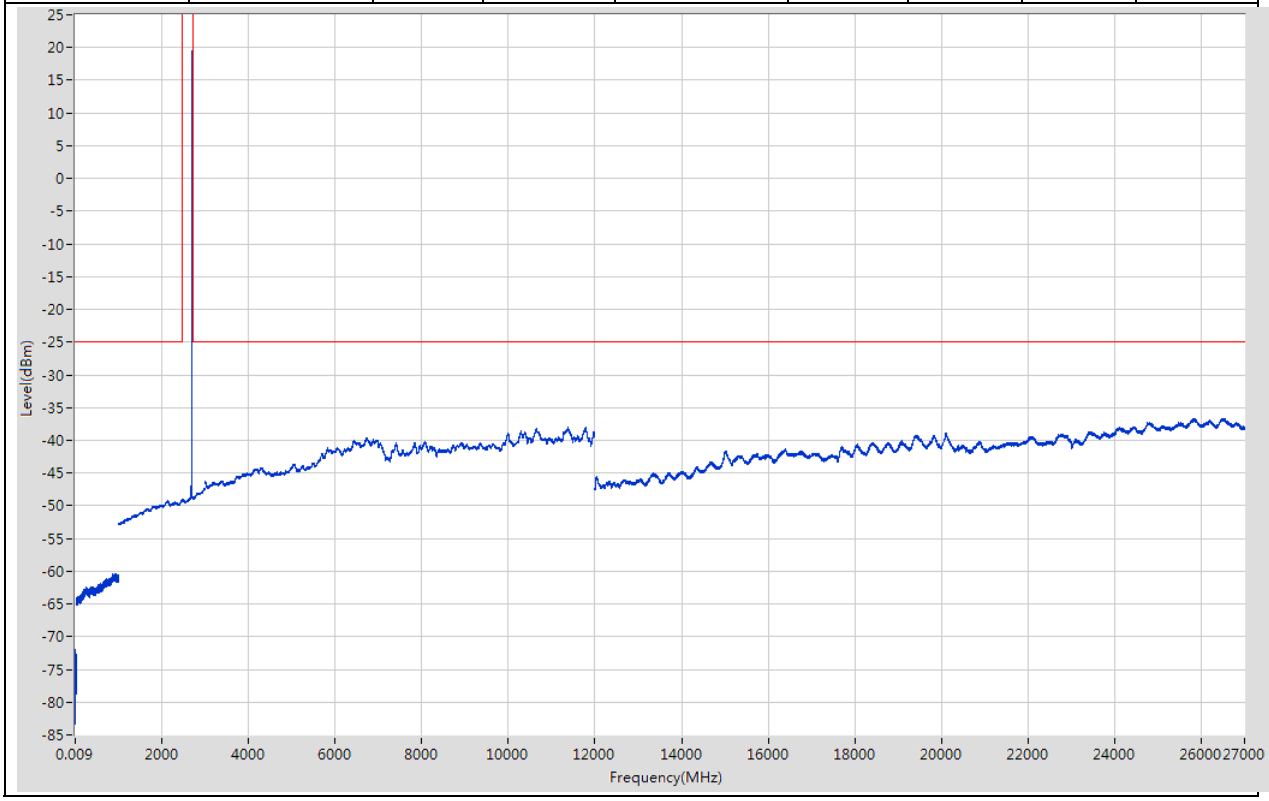
## 17.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.51 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 28.91 | -72.55 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 969.697 | -60.41 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2474.999 | -49.04 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2685.243 | 18.89 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2989.493 | -47.4 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11785.976 | -37.98 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26497.967 | -36.63 | -25 | Pass | 15000 |



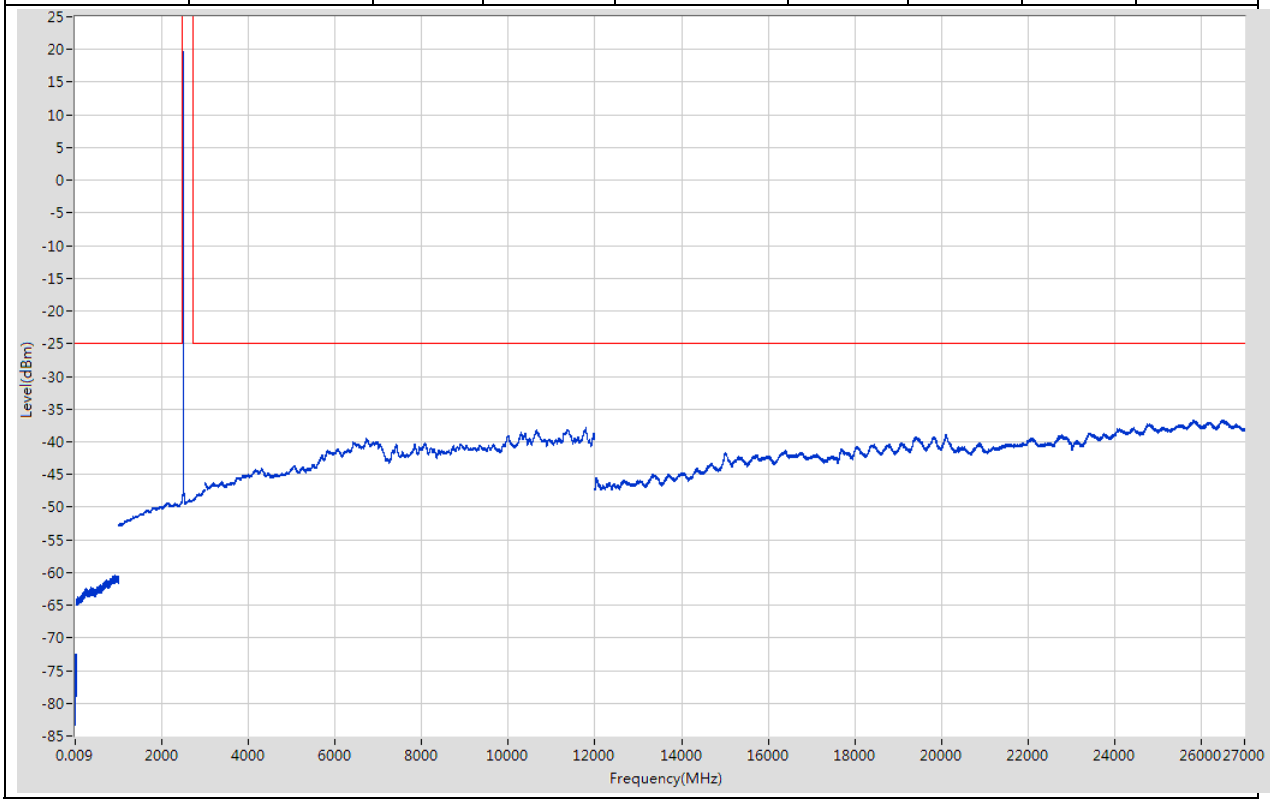
## 17.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:41565, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.39 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.95 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 909.791 | -60.32 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2476 | -49.05 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2685.583 | 19.54 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2996.217 | -47.37 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11790.977 | -37.98 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26508.967 | -36.68 | -25 | Pass | 15000 |



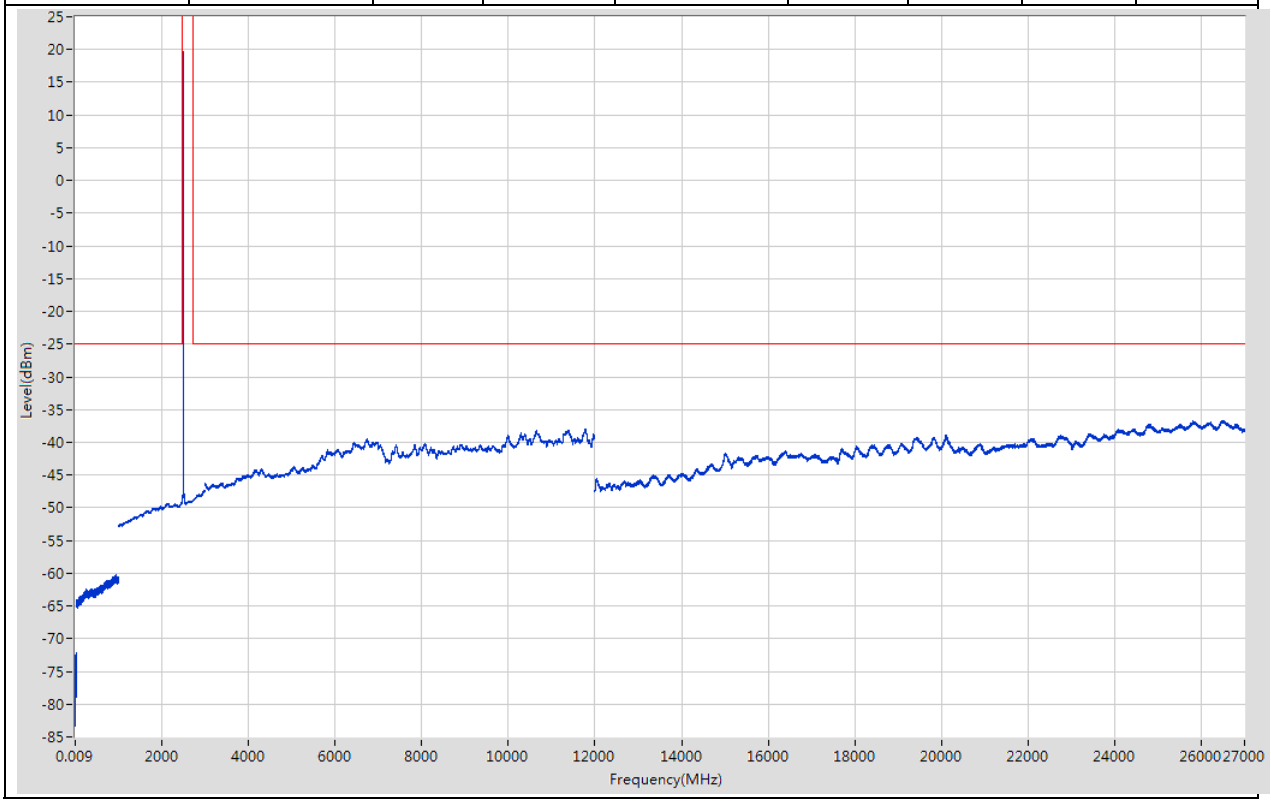
## 17.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.54 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.48 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 923.192 | -60.35 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2476 | -48.98 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.687 | 19.61 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2999.58 | -47.36 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11788.977 | -37.89 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26516.968 | -36.72 | -25 | Pass | 15000 |



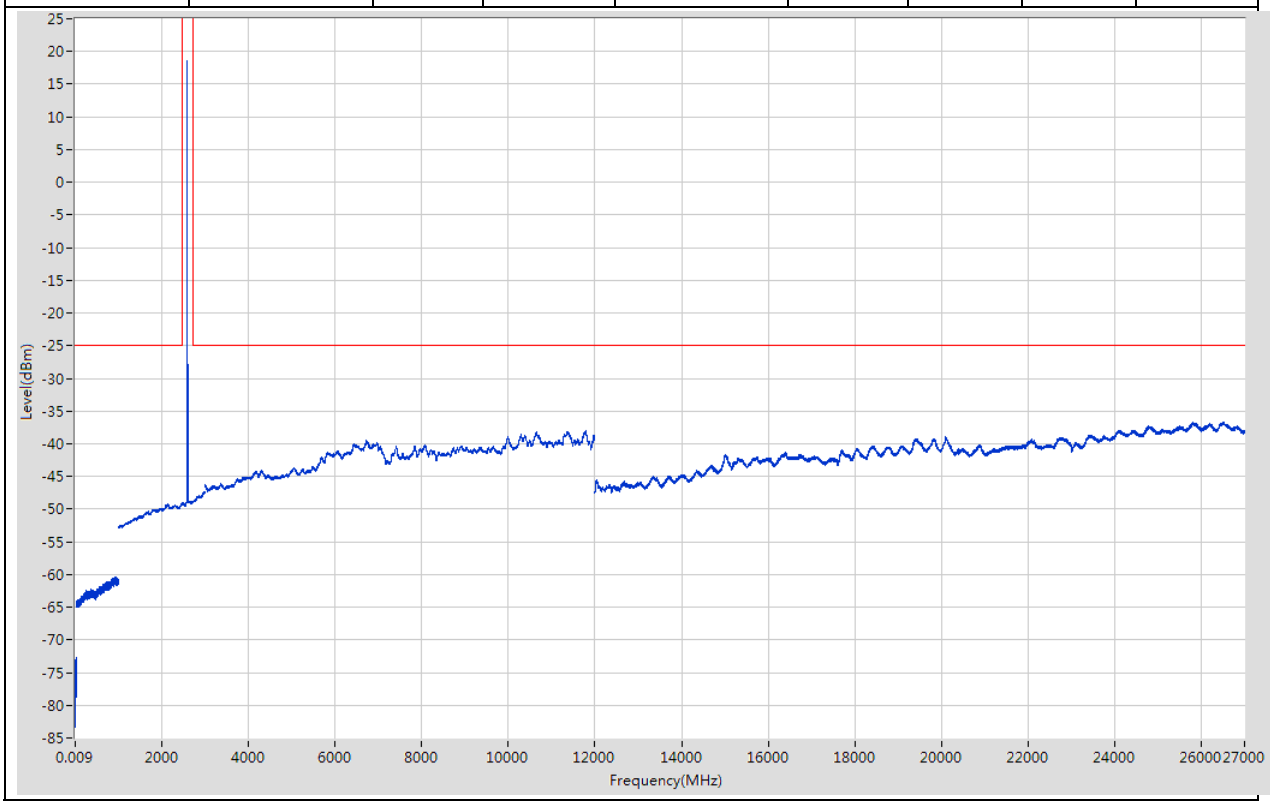
## 17.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:39700, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.5 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 28.64 | -72.21 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 929.793 | -60.26 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2473.999 | -49 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.348 | 19.69 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2979.406 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11784.976 | -37.9 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26494.966 | -36.71 | -25 | Pass | 15000 |



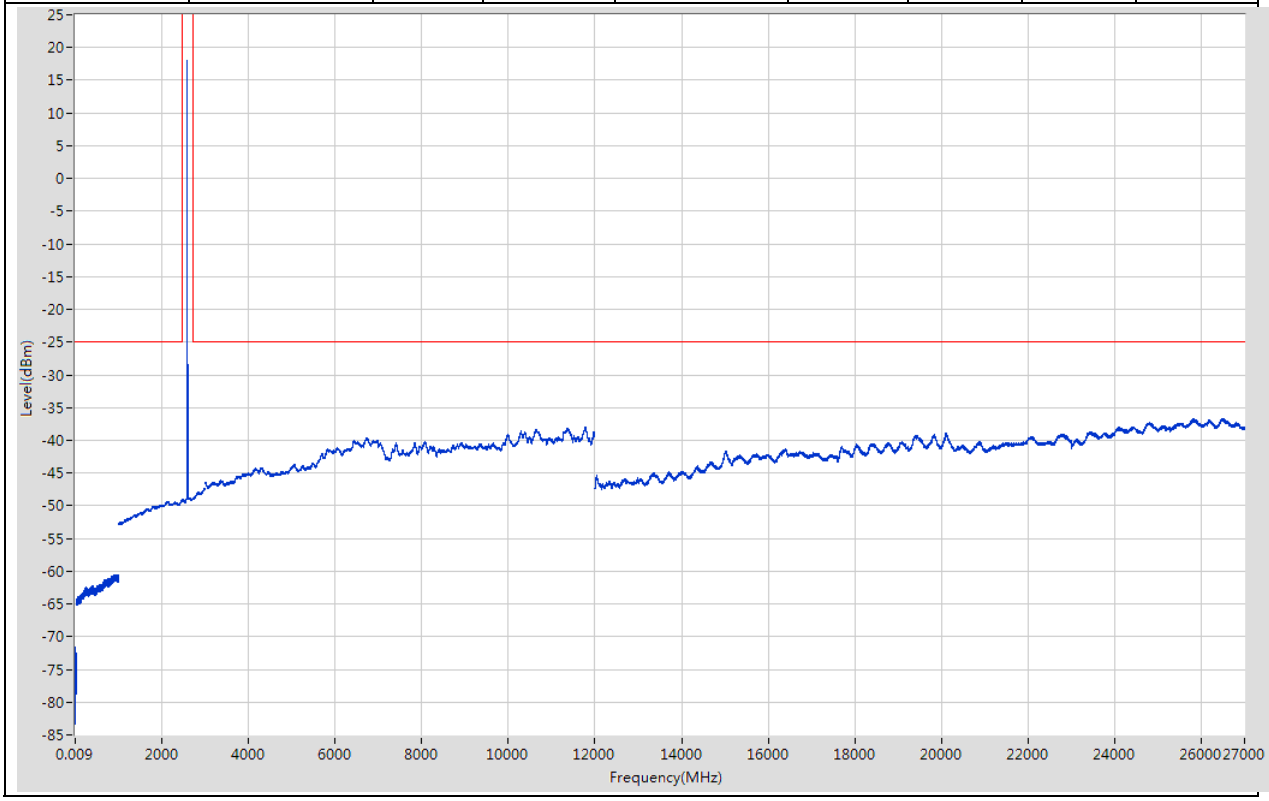
## 17.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.45 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 26.319 | -72.65 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 912.291 | -60.47 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2471.997 | -48.99 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2588.252 | 18.56 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2986.13 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11786.976 | -38.06 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26506.967 | -36.7 | -25 | Pass | 15000 |



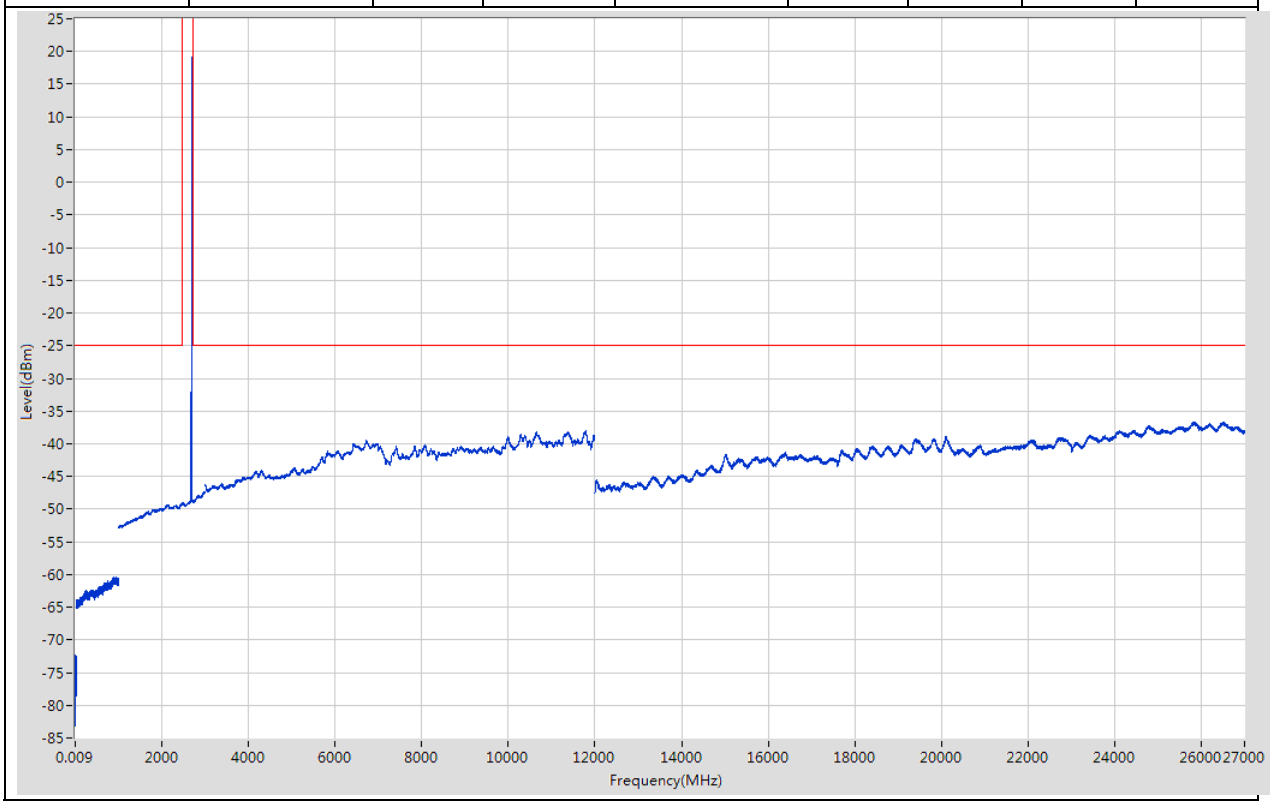
## 17.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:40620, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.47 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -71.6 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 949.995 | -60.5 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2470.997 | -49.05 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2588.252 | 18.1 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2989.493 | -47.37 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11787.976 | -37.93 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26497.967 | -36.63 | -25 | Pass | 15000 |



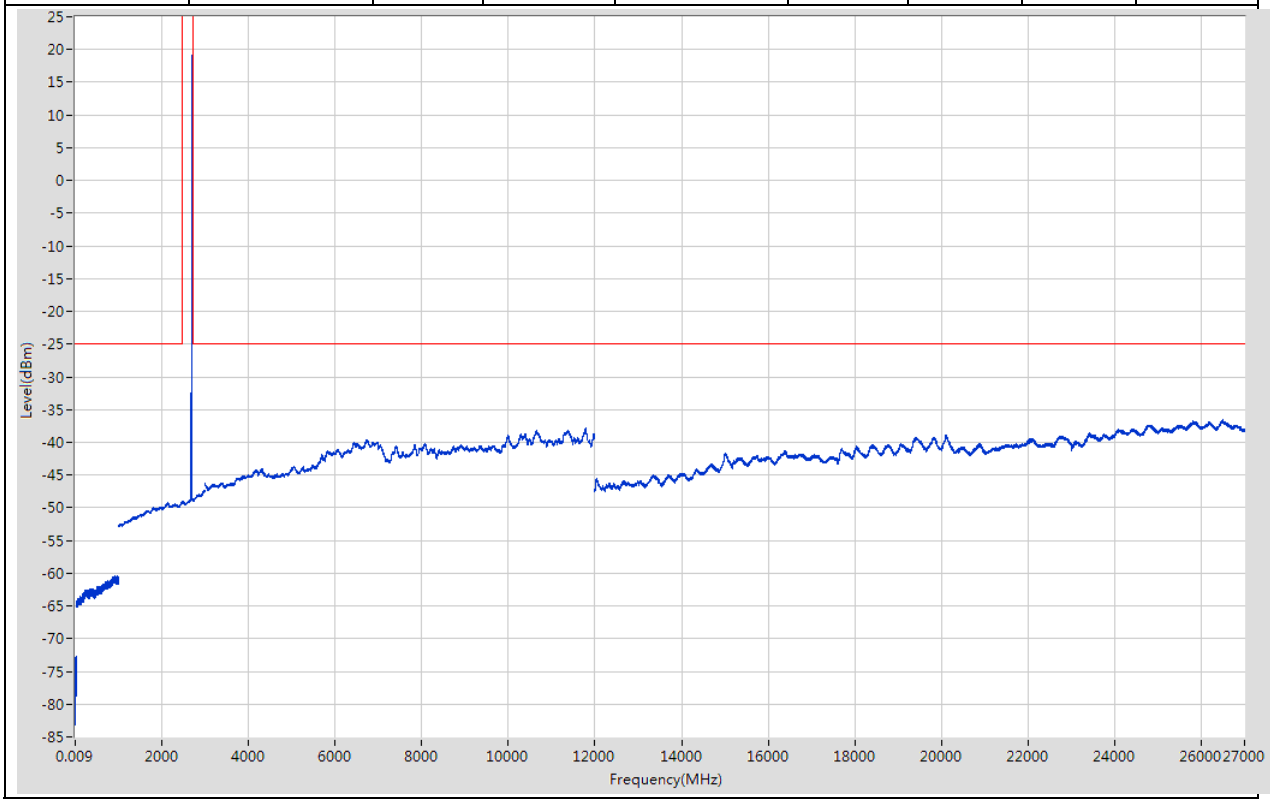
## 17.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:41540, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.36 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.31 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 939.594 | -60.39 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2471.997 | -49.12 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2680.496 | 19.07 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2998.319 | -47.39 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11784.976 | -37.98 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26491.966 | -36.61 | -25 | Pass | 15000 |



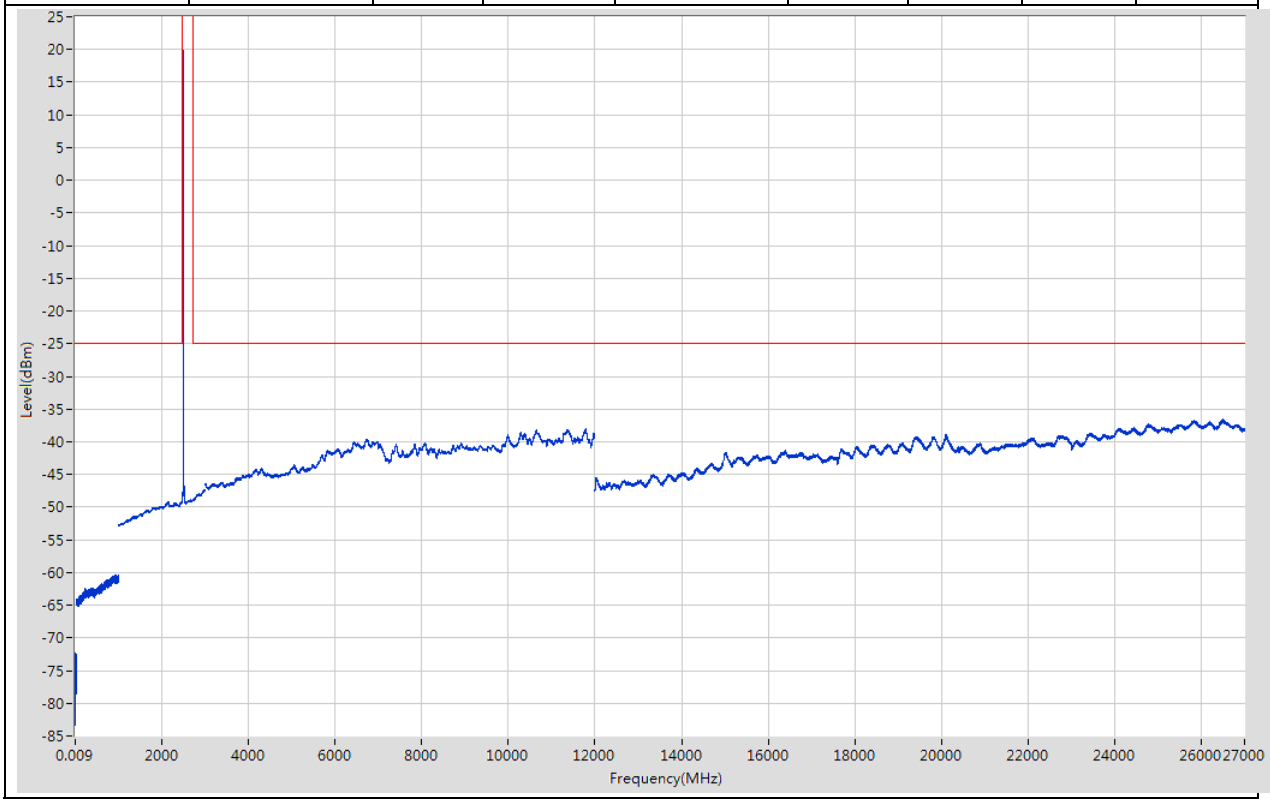
## 17.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:41540, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.38 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 26.299 | -72.61 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 924.092 | -60.44 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2468.995 | -49.06 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2680.835 | 19.16 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2992.855 | -47.41 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11786.976 | -37.87 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26498.967 | -36.53 | -25 | Pass | 15000 |



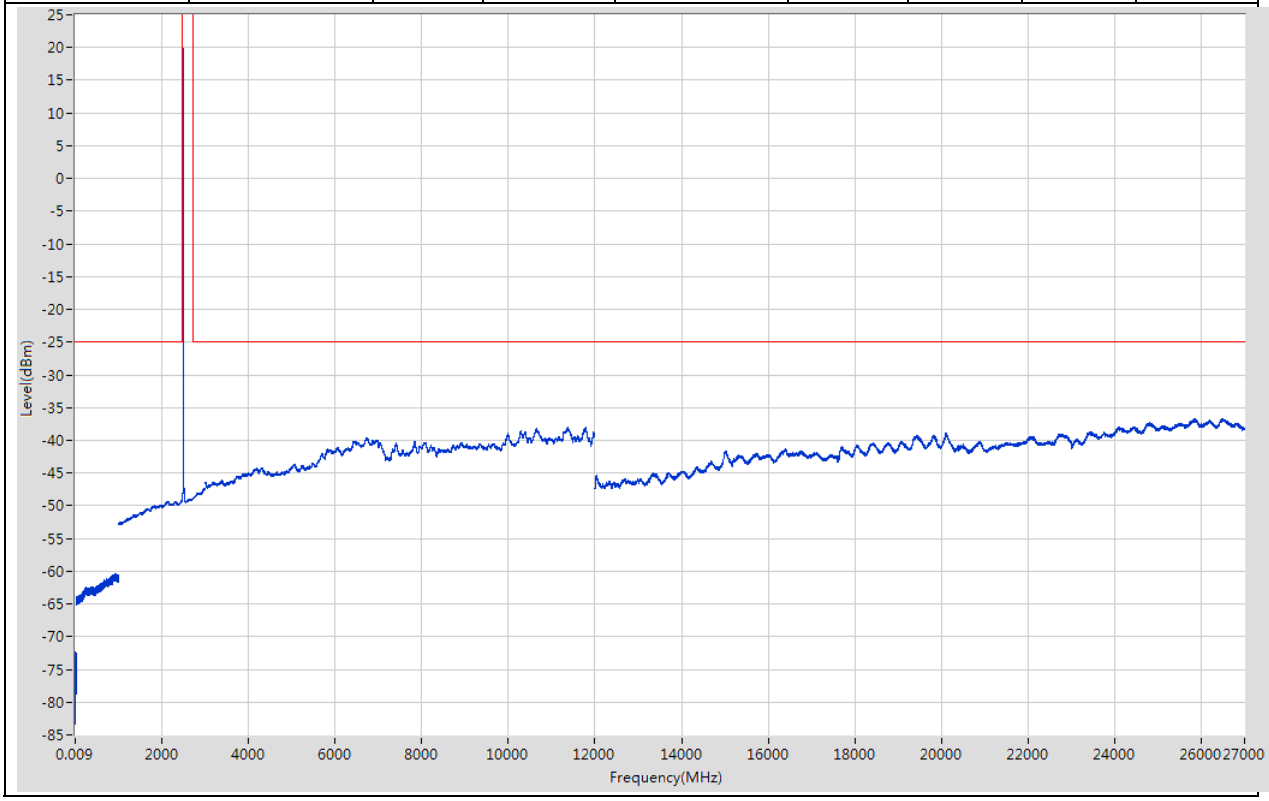
## 17.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:39725, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.52 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.36 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 907.69 | -60.38 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2462.991 | -49.06 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.687 | 19.83 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2978.565 | -47.36 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11791.977 | -37.98 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26503.967 | -36.56 | -25 | Pass | 15000 |



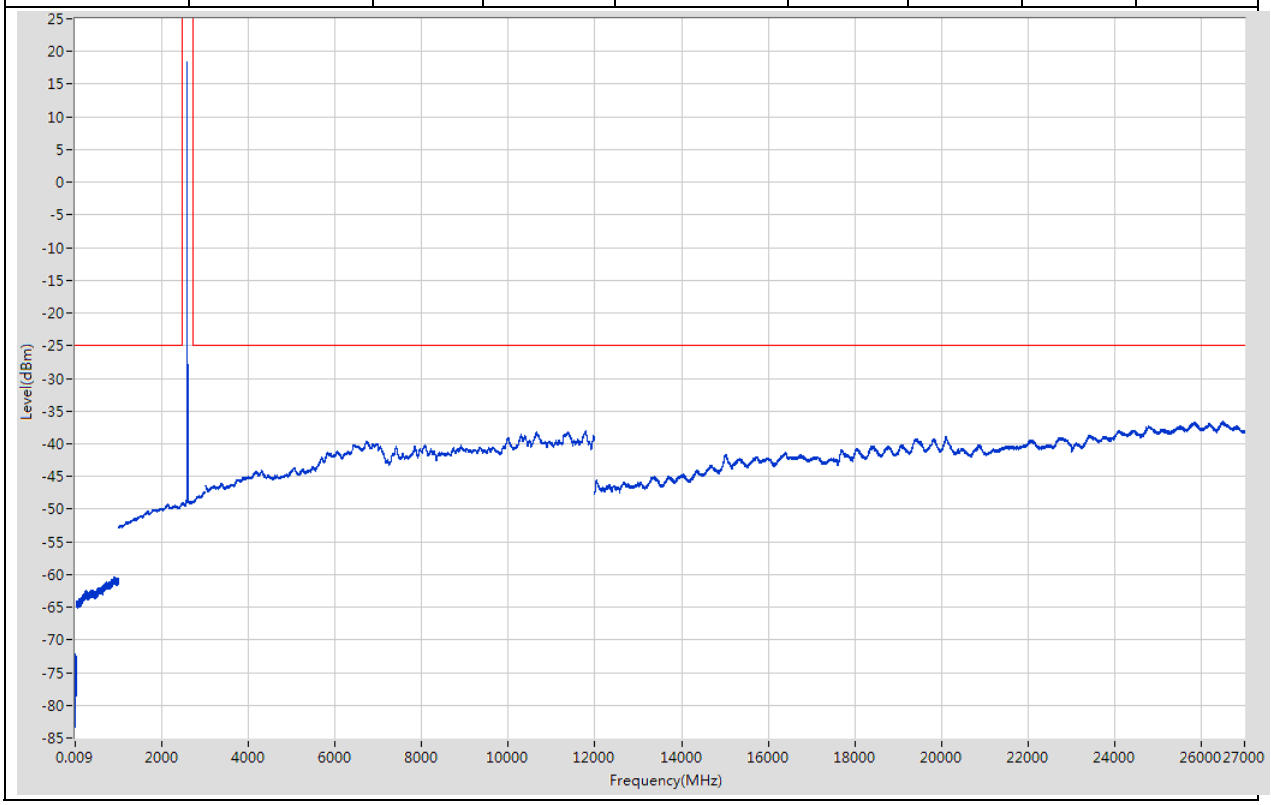
## 17.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:39725, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.37 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.36 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 937.594 | -60.45 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2472.998 | -49.04 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2496.687 | 19.95 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2978.986 | -47.39 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11789.977 | -37.97 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26498.967 | -36.7 | -25 | Pass | 15000 |



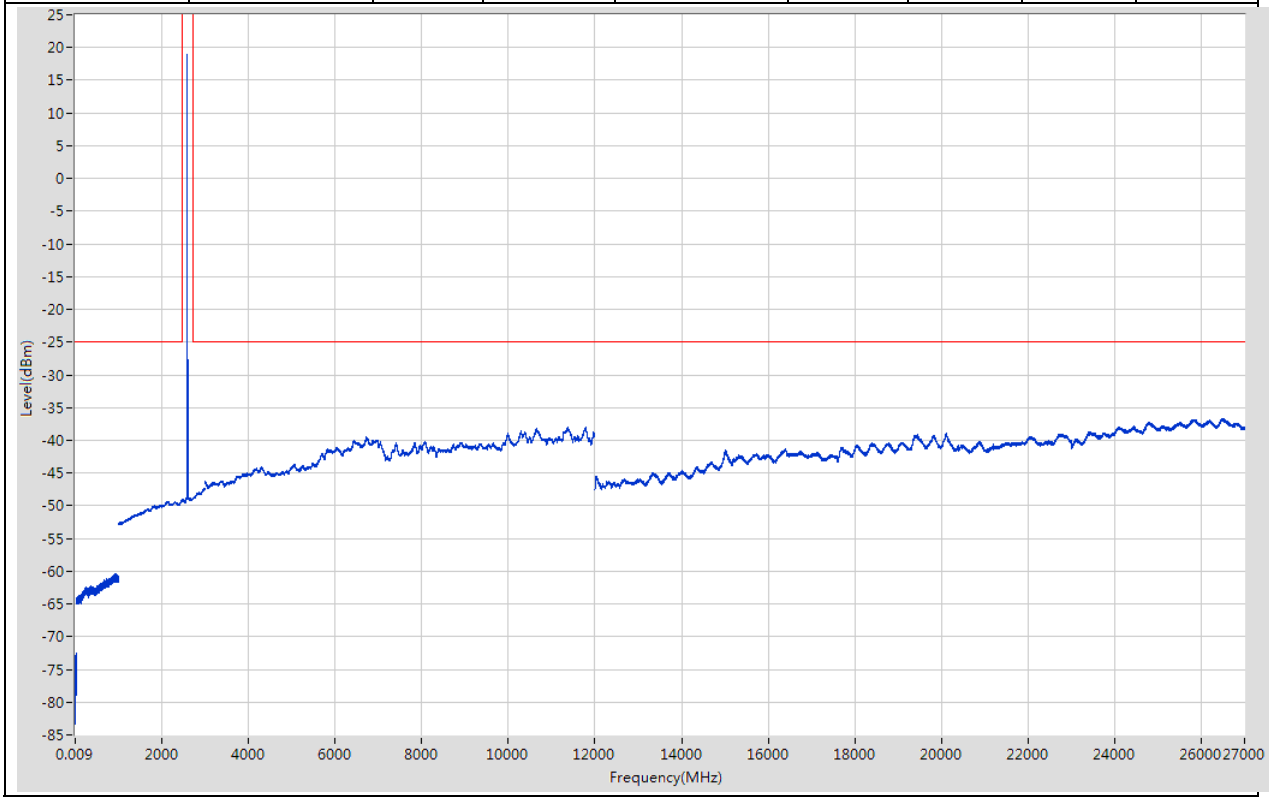
## 17.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:40620, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.49 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.1 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 897.489 | -60.46 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2469.996 | -49.02 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2586.557 | 18.33 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2979.406 | -47.39 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11789.977 | -37.96 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26505.967 | -36.6 | -25 | Pass | 15000 |



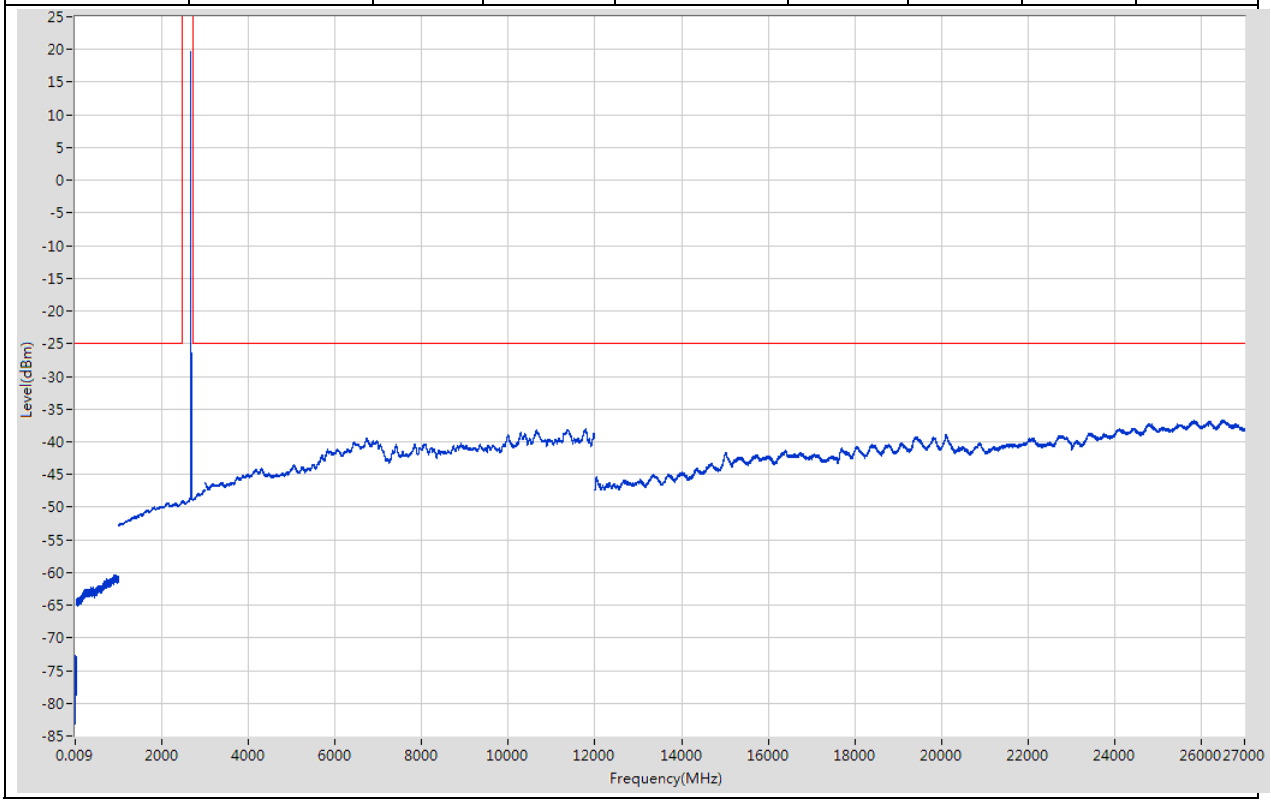
## 17.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:40620, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.55 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 25.358 | -72.55 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 940.994 | -60.45 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2472.998 | -49.06 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2586.217 | 18.92 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2978.565 | -47.36 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11786.976 | -37.97 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26510.967 | -36.68 | -25 | Pass | 15000 |



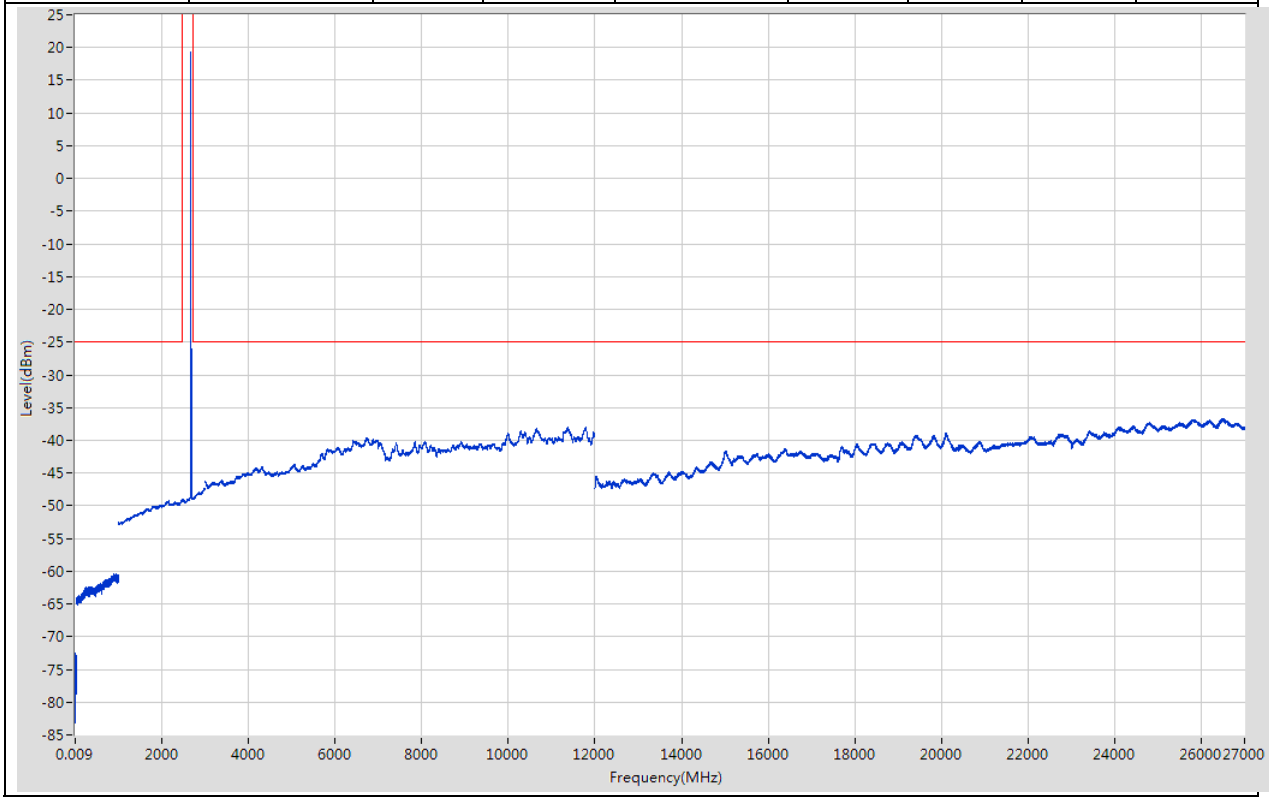
## 17.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:41515, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.46 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.71 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 933.193 | -60.33 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2474.999 | -48.92 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2676.087 | 19.59 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2985.71 | -47.34 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11788.977 | -38 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26493.966 | -36.67 | -25 | Pass | 15000 |



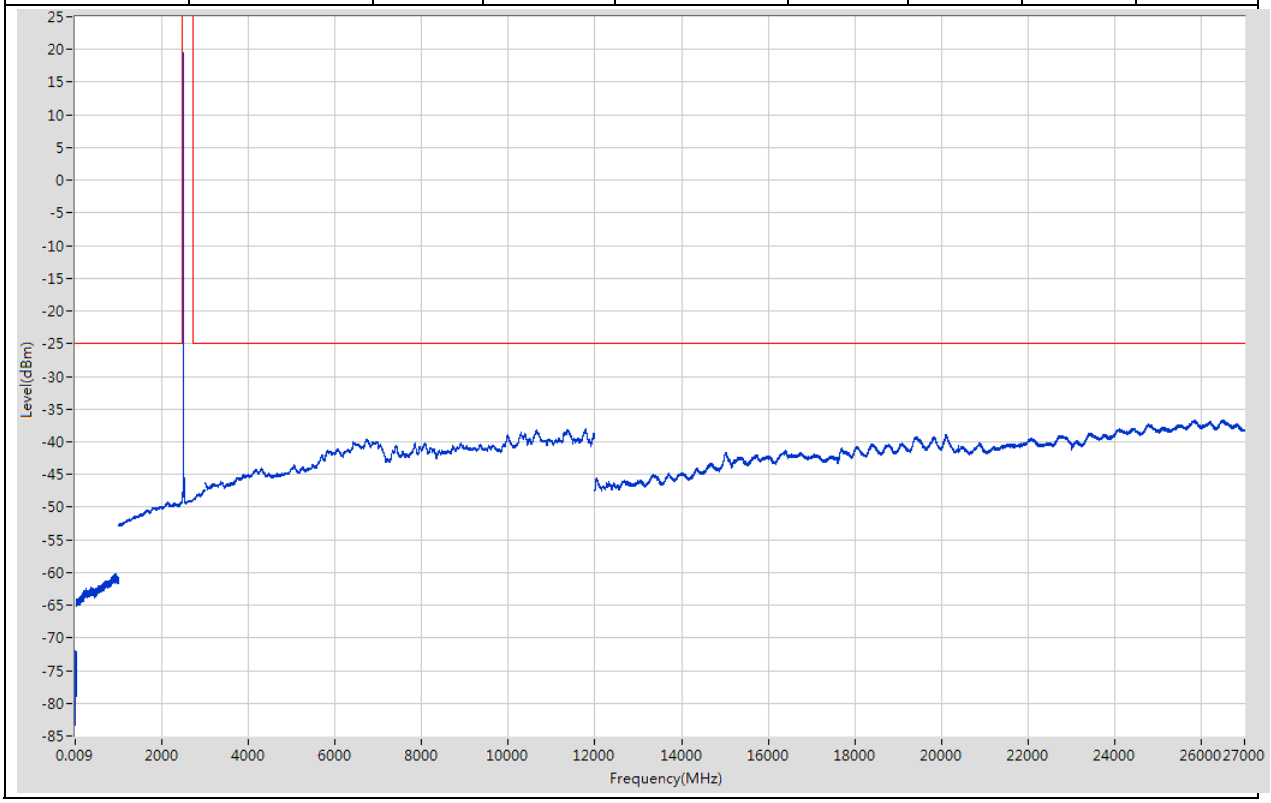
## 17.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:41515, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.39 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.28 | -72.59 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 939.794 | -60.38 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2476 | -49.03 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2676.087 | 19.32 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2990.333 | -47.4 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11791.977 | -37.94 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26510.967 | -36.62 | -25 | Pass | 15000 |



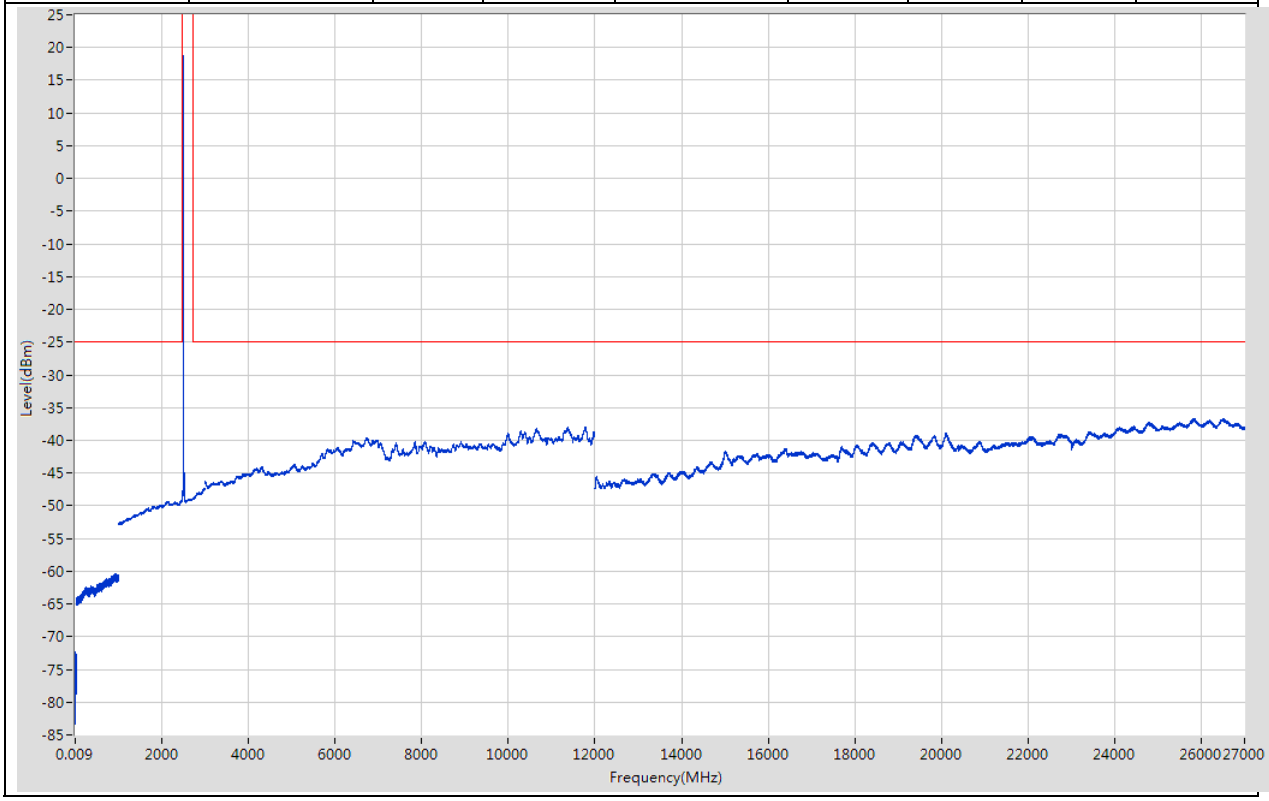
## 17.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:39750, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.52 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.89 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 936.593 | -60.21 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2472.998 | -49.06 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2497.026 | 19.47 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2997.058 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11784.976 | -37.99 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26496.966 | -36.67 | -25 | Pass | 15000 |



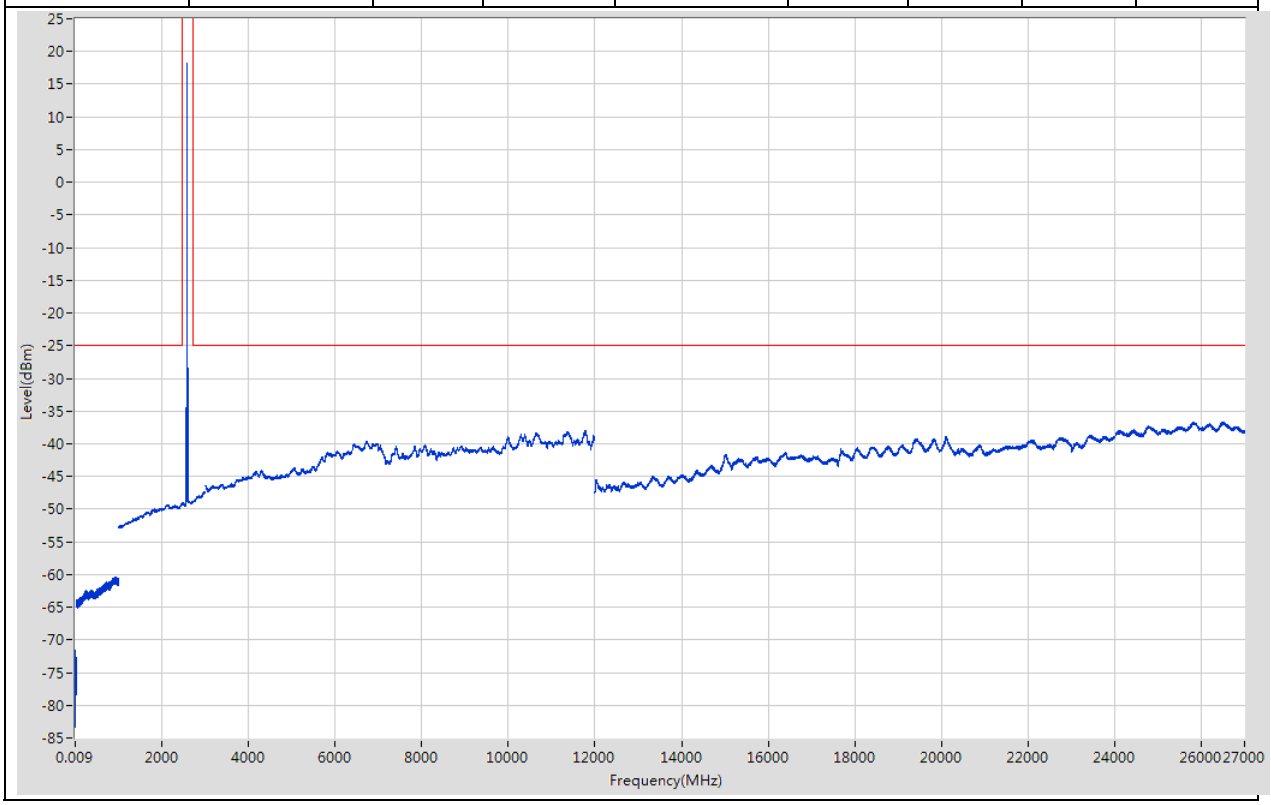
## 17.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:39750, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.39 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.26 | -72.36 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 955.795 | -60.42 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2470.997 | -48.99 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2497.026 | 18.68 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2998.319 | -47.36 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11783.976 | -37.96 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26497.967 | -36.68 | -25 | Pass | 15000 |



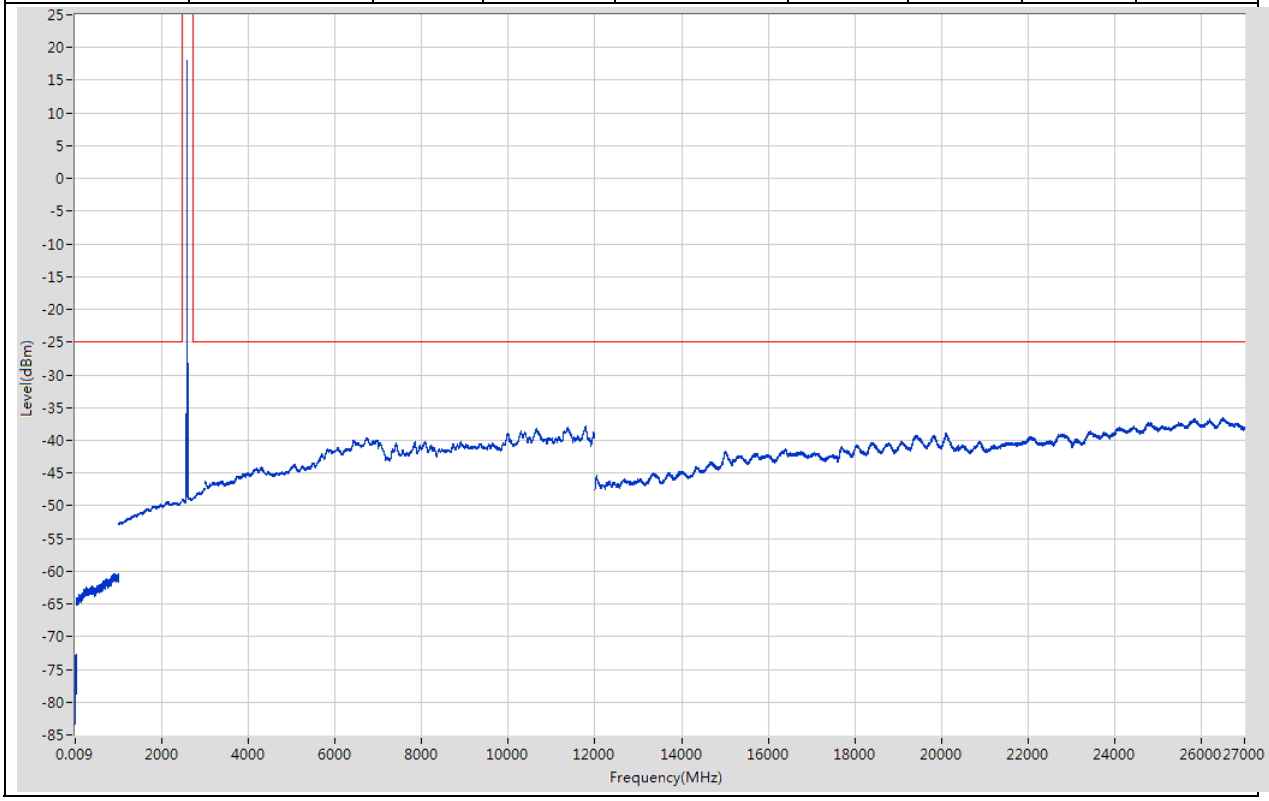
## 17.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:40620, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.42 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.59 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 947.695 | -60.39 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2474.999 | -48.96 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2583.843 | 18.19 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2997.478 | -47.4 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11786.976 | -37.98 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26494.966 | -36.62 | -25 | Pass | 15000 |



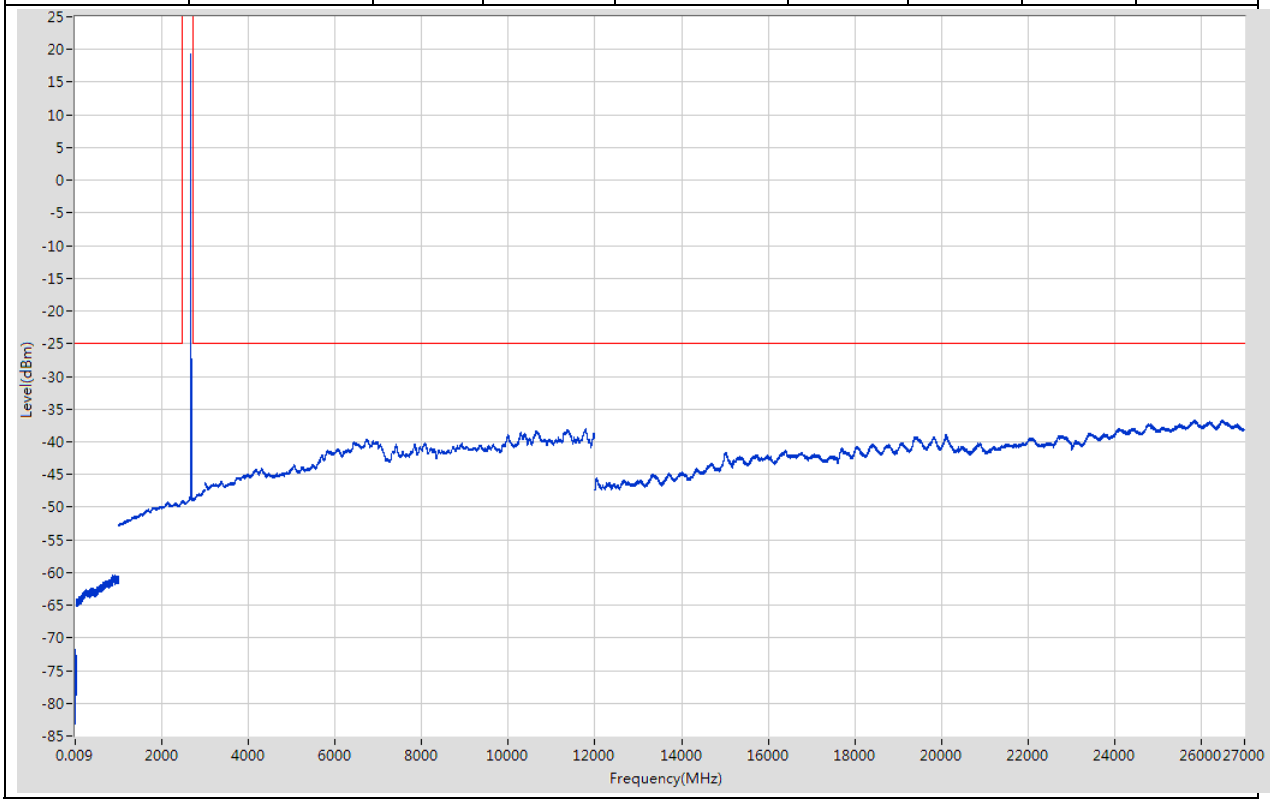
## 17.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:40620, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.41 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 22.658 | -72.65 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 919.692 | -60.45 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2476 | -49.04 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2583.843 | 18.1 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2982.348 | -47.39 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11783.976 | -37.89 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26500.967 | -36.48 | -25 | Pass | 15000 |



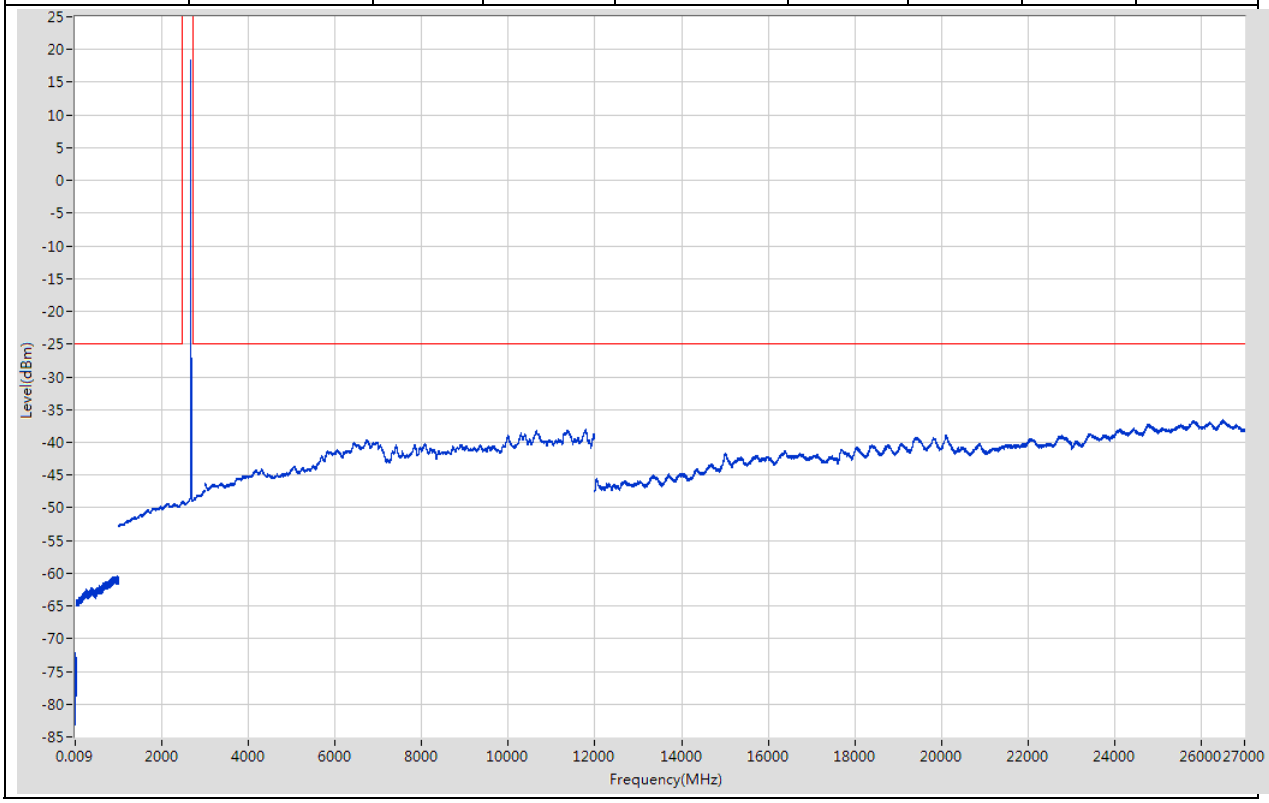
## 17.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:41490, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.33 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.73 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 921.692 | -60.36 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2474.999 | -49.04 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2671 | 19.38 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2979.826 | -47.38 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11782.976 | -37.93 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26495.966 | -36.62 | -25 | Pass | 15000 |



## 17.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:41490, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

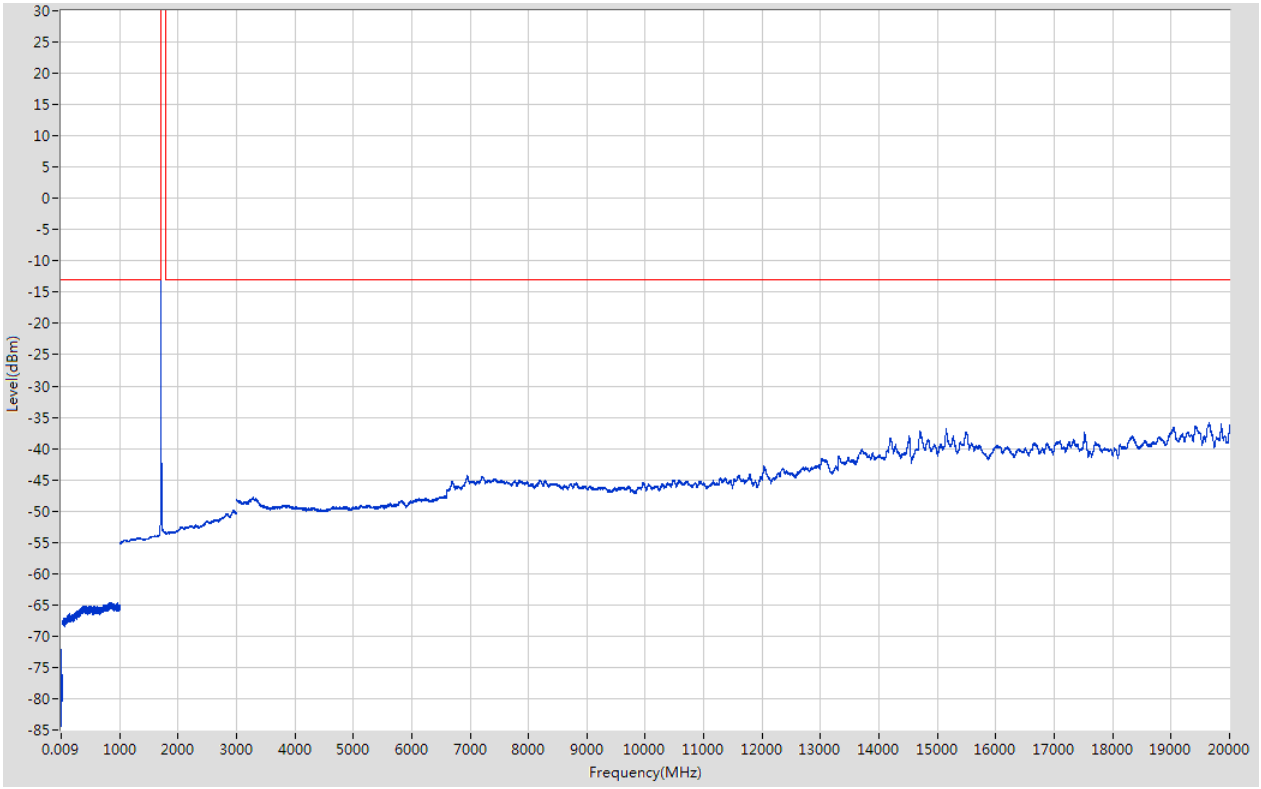
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -75.29 | -25 | Pass | 691 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.23 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 968.697 | -60.45 | -25 | Pass | 9700 |
| 1000 | 2476 | 1 | RMS | 2470.997 | -49.02 | -25 | Pass | 1476 |
| 2476 | 2710 | 1 | RMS | 2671.339 | 18.4 | 60 | Pass | 691 |
| 2710 | 3000 | 1 | RMS | 2999.58 | -47.35 | -25 | Pass | 691 |
| 3000 | 12000 | 1 | RMS | 11784.976 | -37.96 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 26499.967 | -36.59 | -25 | Pass | 15000 |



# 18. LTE_Band66

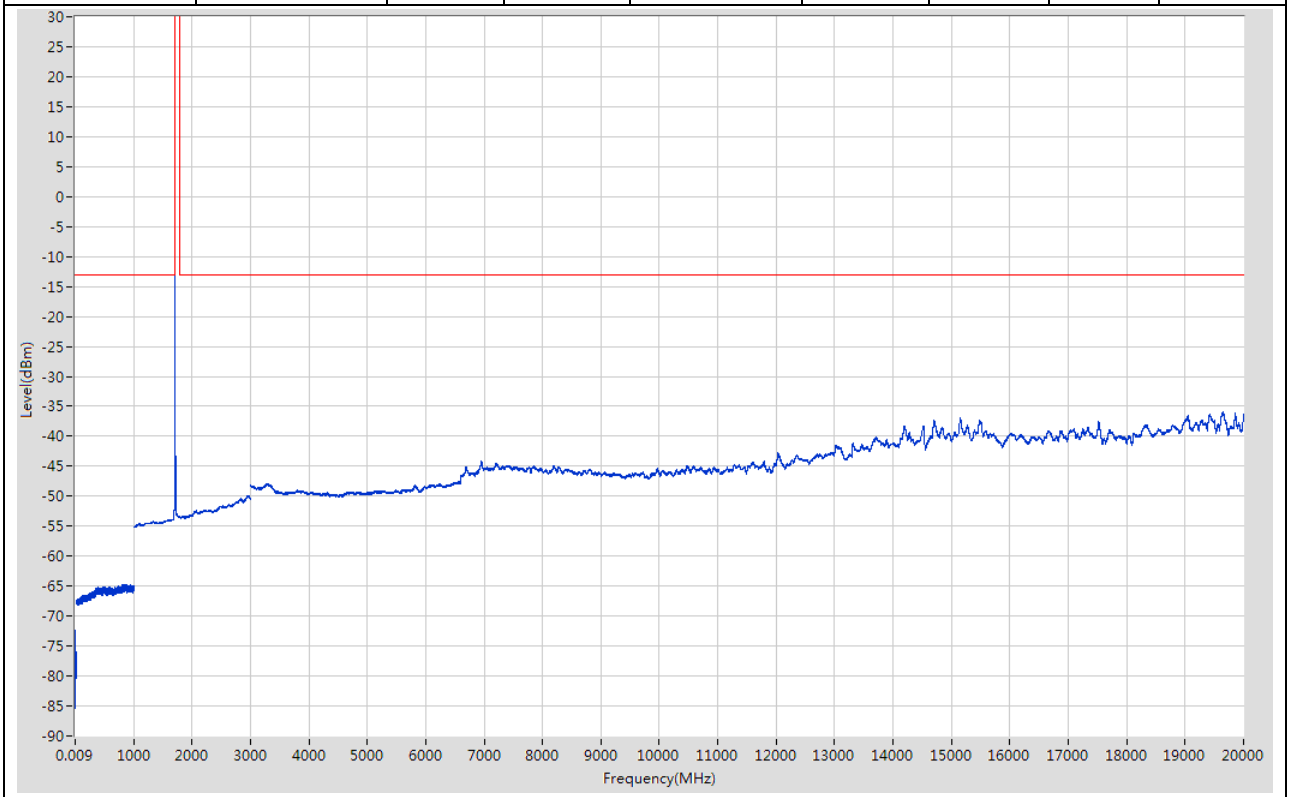
## 18.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.26 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.04 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 824.797 | -64.61 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -51.17 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 22.7 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2960.968 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.89 | -13 | Pass | 8000 |



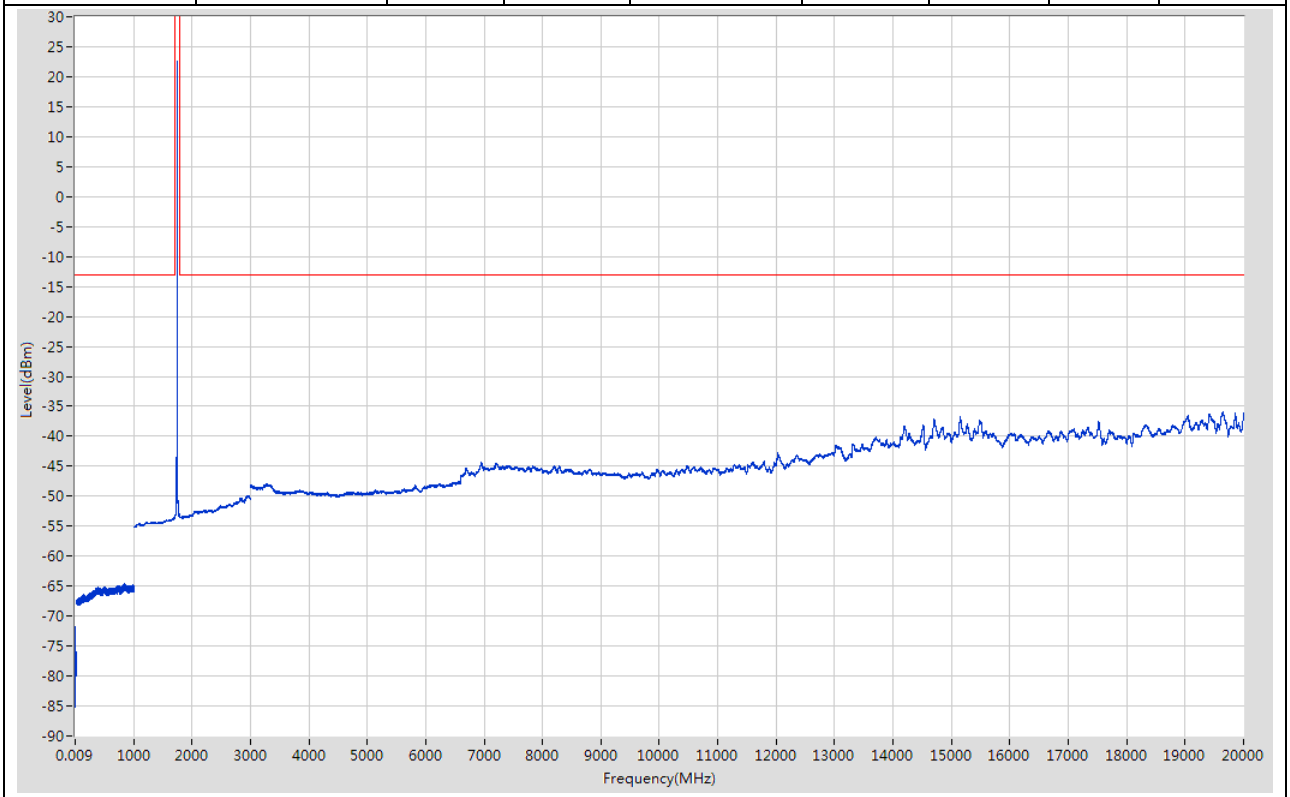
## 18.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.23 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.46 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.599 | -64.67 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.98 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 21.84 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2956.964 | -49.86 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.17 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -35.88 | -13 | Pass | 8000 |



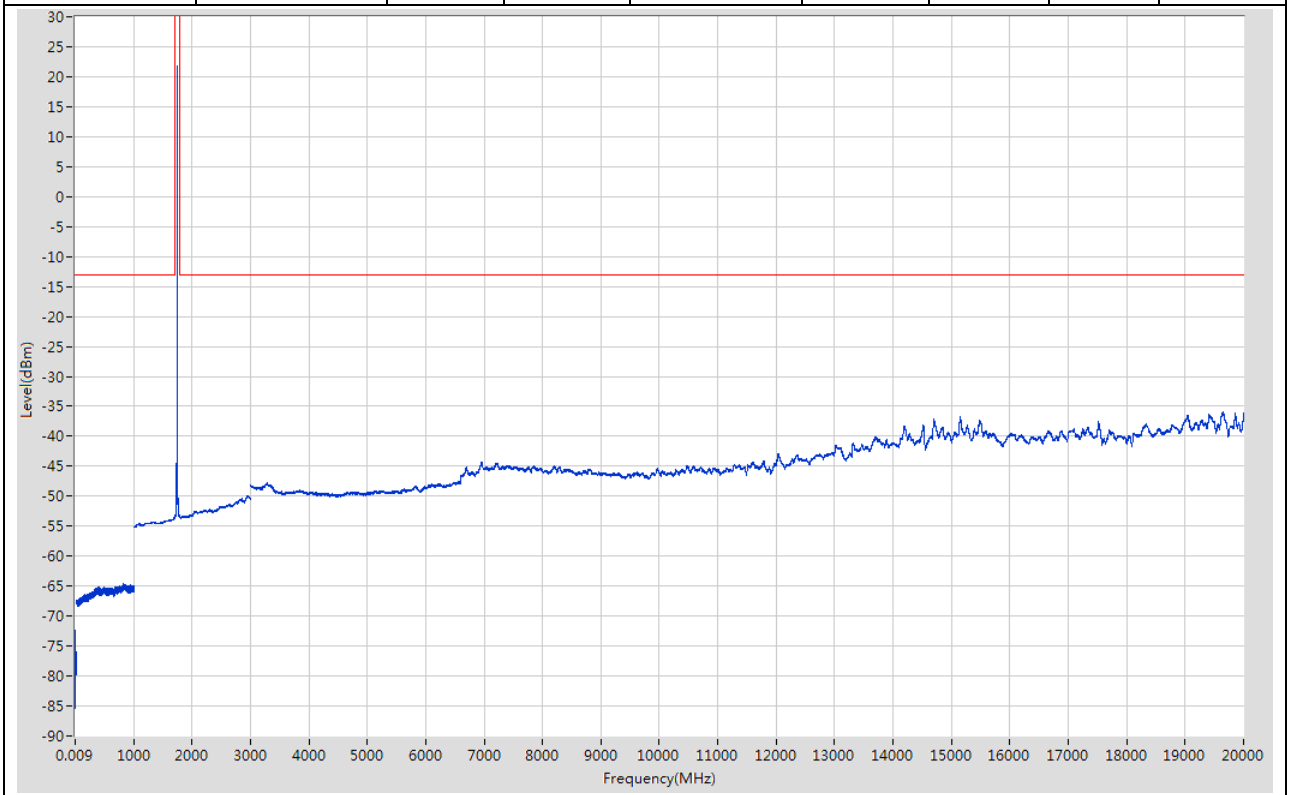
## 18.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.61 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.77 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 851.303 | -64.65 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1744.325 | 22.53 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2955.964 | -49.9 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.16 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.88 | -13 | Pass | 8000 |



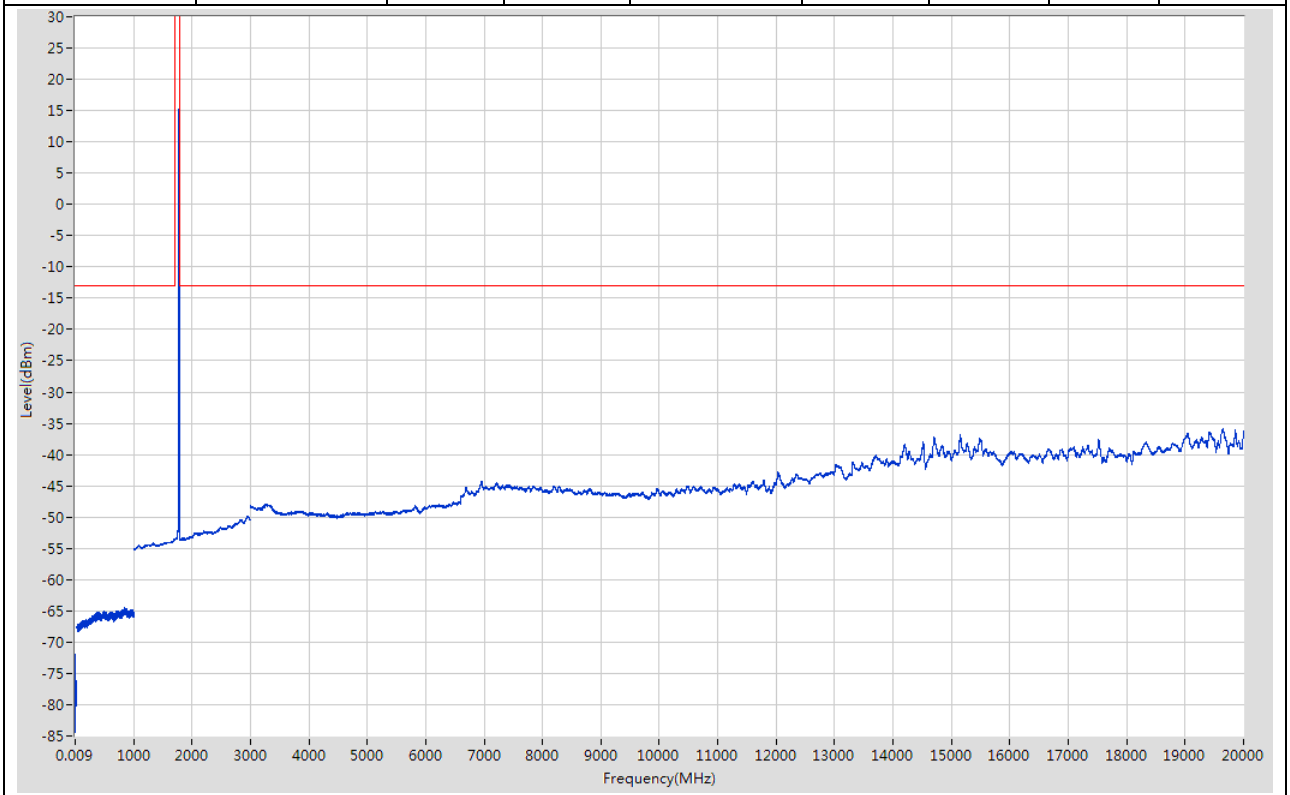
## 18.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.29 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.35 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 817.896 | -64.65 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.58 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1744.55 | 21.69 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2942.953 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.17 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.87 | -13 | Pass | 8000 |



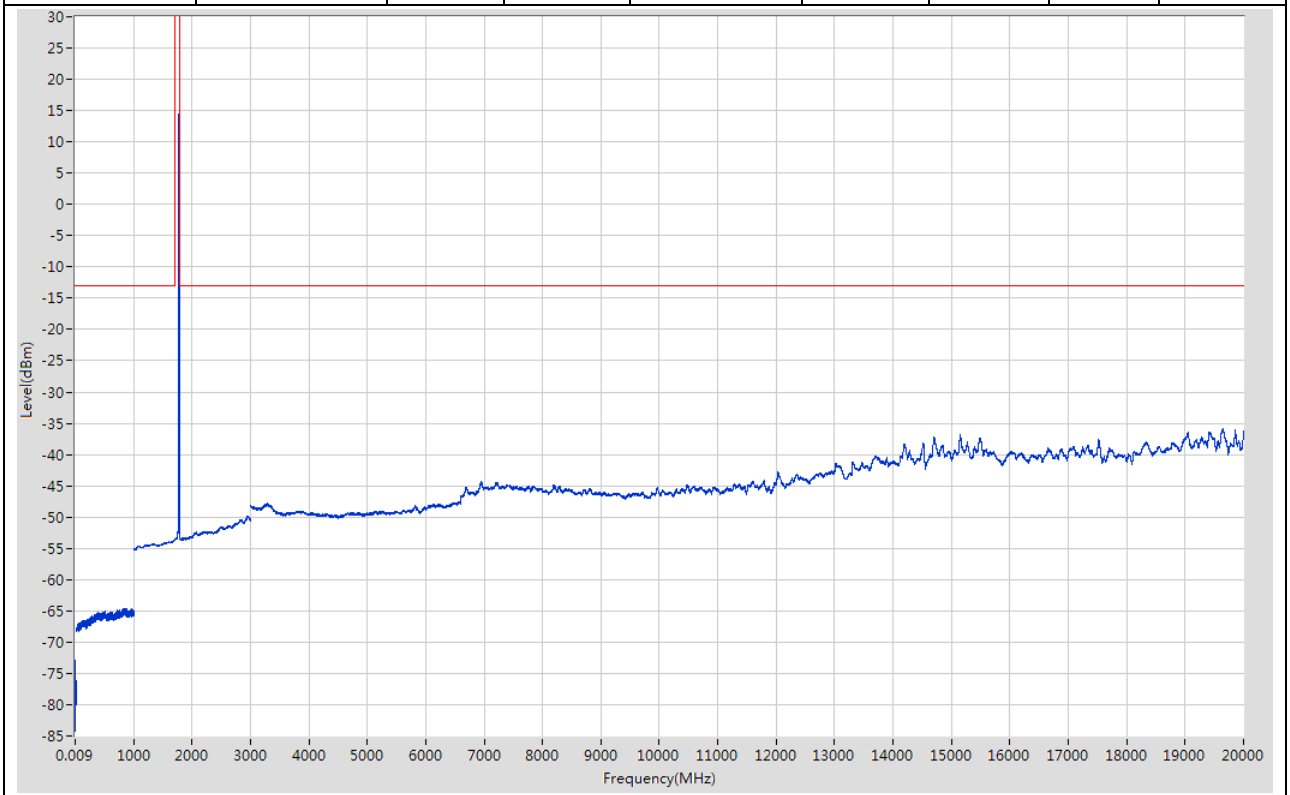
## 18.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -75.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -71.88 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 839.699 | -64.42 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1694.993 | -53.57 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1778.75 | 22.74 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2949.959 | -49.85 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.05 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.84 | -13 | Pass | 8000 |



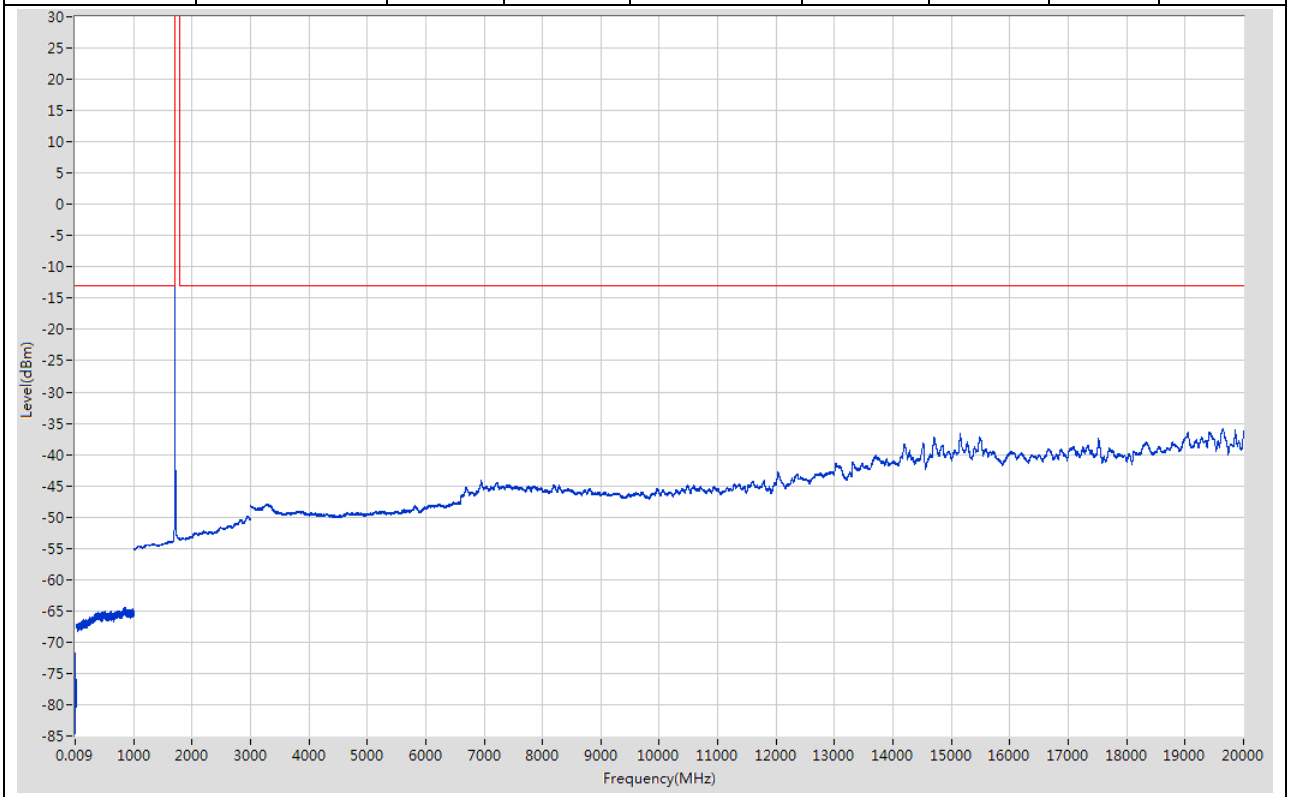
## 18.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.35 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.86 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.299 | -64.57 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1691.989 | -53.62 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1778.75 | 21.9 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2949.959 | -49.91 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19645.956 | -35.9 | -13 | Pass | 8000 |



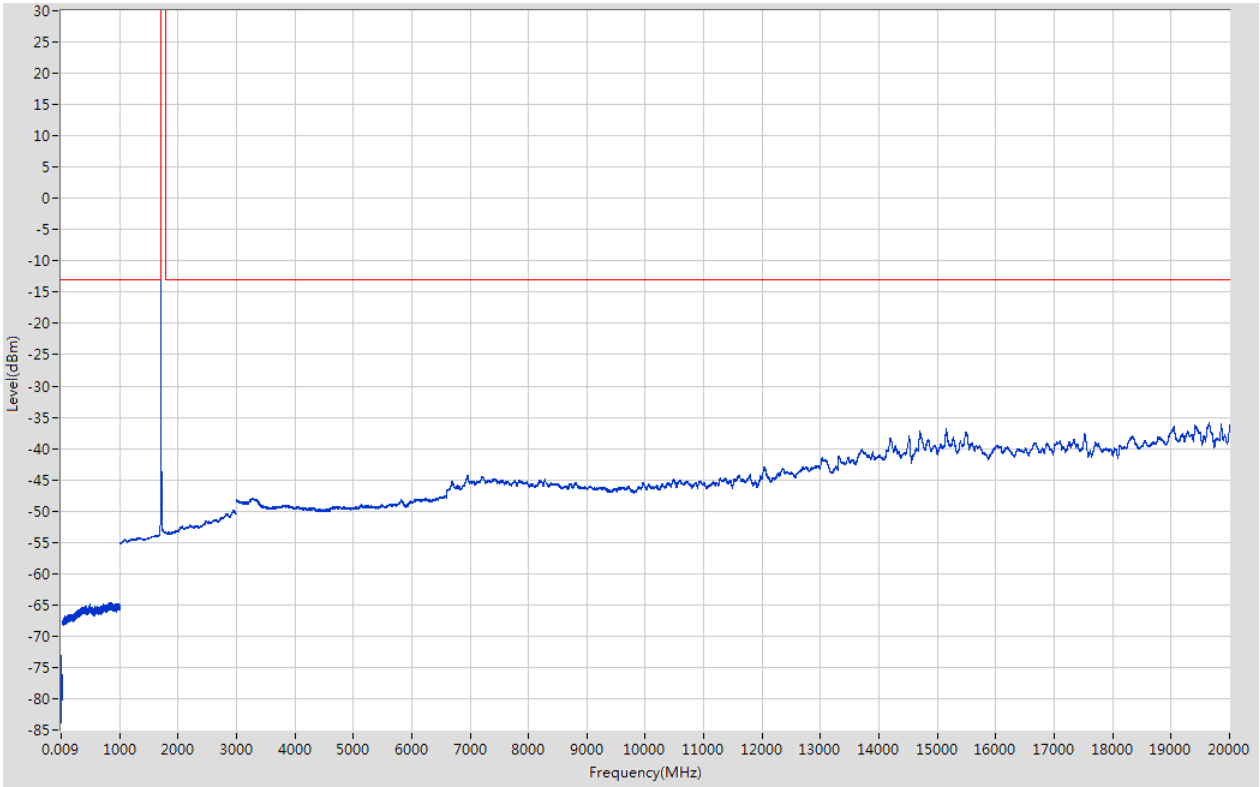
## 18.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.18 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.74 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.298 | -64.47 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.37 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 22.83 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2950.959 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.11 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.91 | -13 | Pass | 8000 |



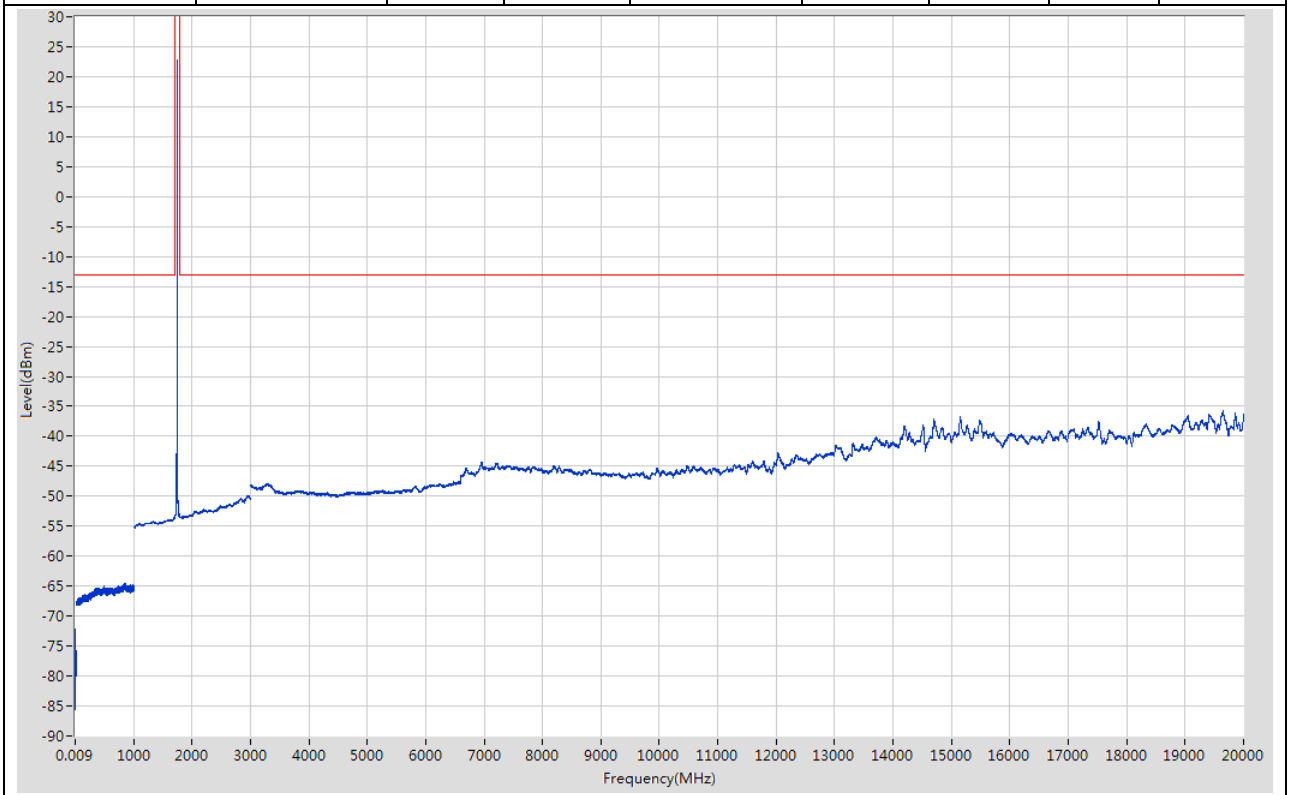
## 18.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.56 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -73.04 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 848.6 | -64.59 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.88 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 21.98 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2946.956 | -49.87 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.15 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.87 | -13 | Pass | 8000 |



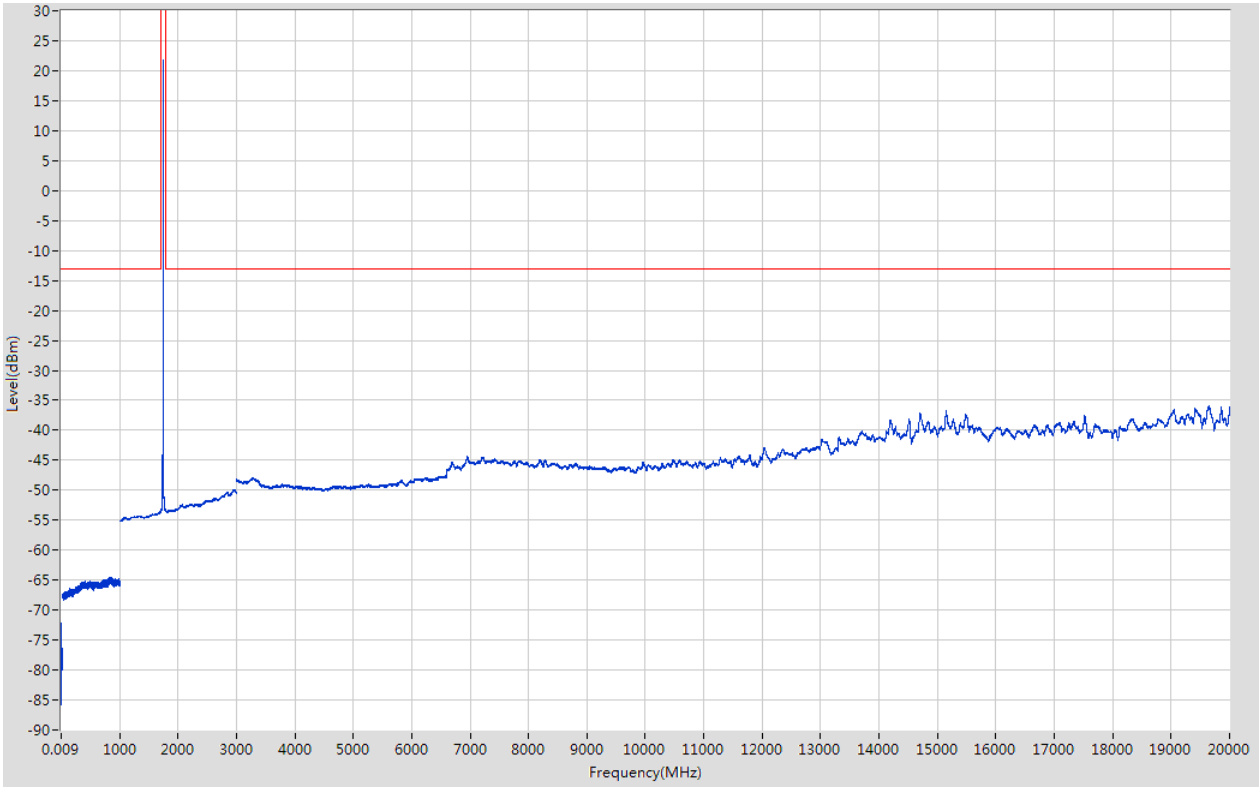
## 18.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.89 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.23 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 844.499 | -64.54 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1689.986 | -53.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1743.65 | 22.82 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2954.963 | -49.85 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.15 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.8 | -13 | Pass | 8000 |



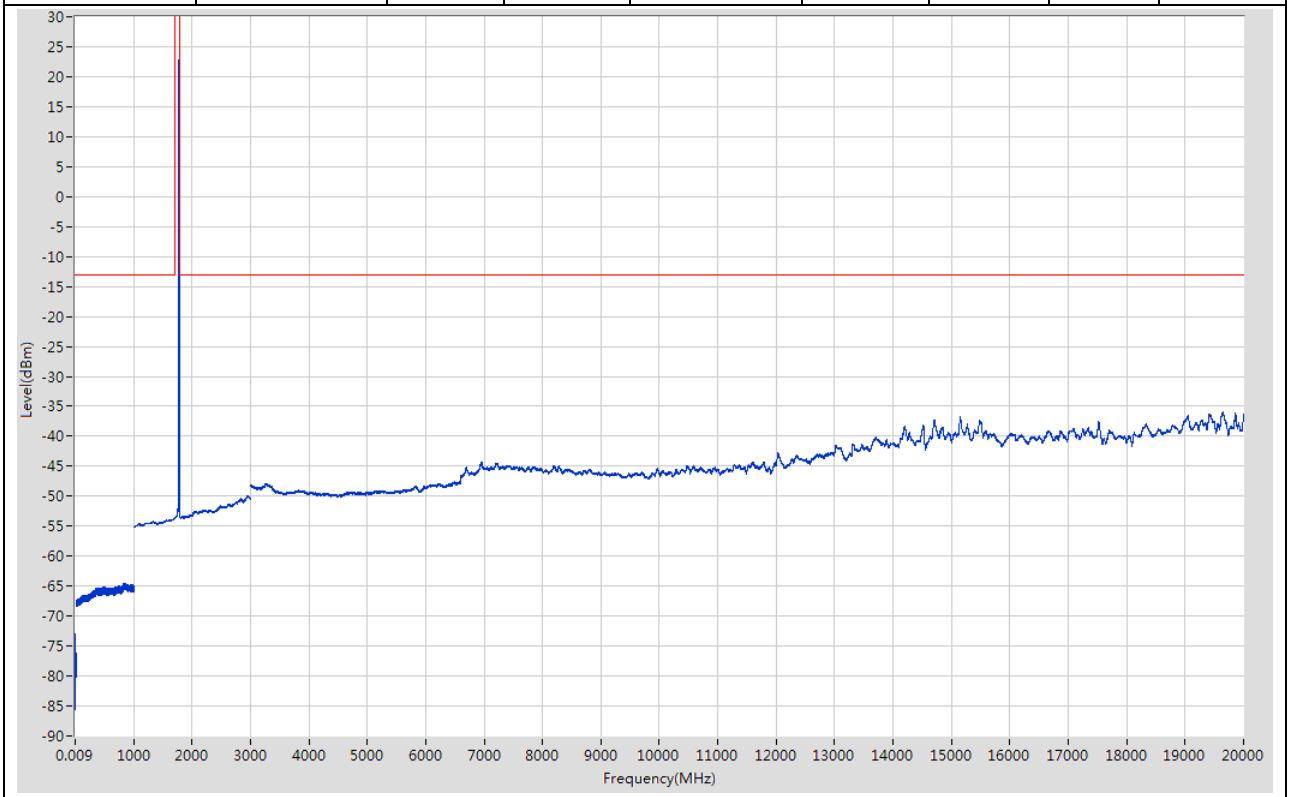
## 18.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.69 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.24 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 823.697 | -64.49 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.55 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1743.65 | 21.87 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2947.957 | -49.88 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.11 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19645.956 | -35.92 | -13 | Pass | 8000 |



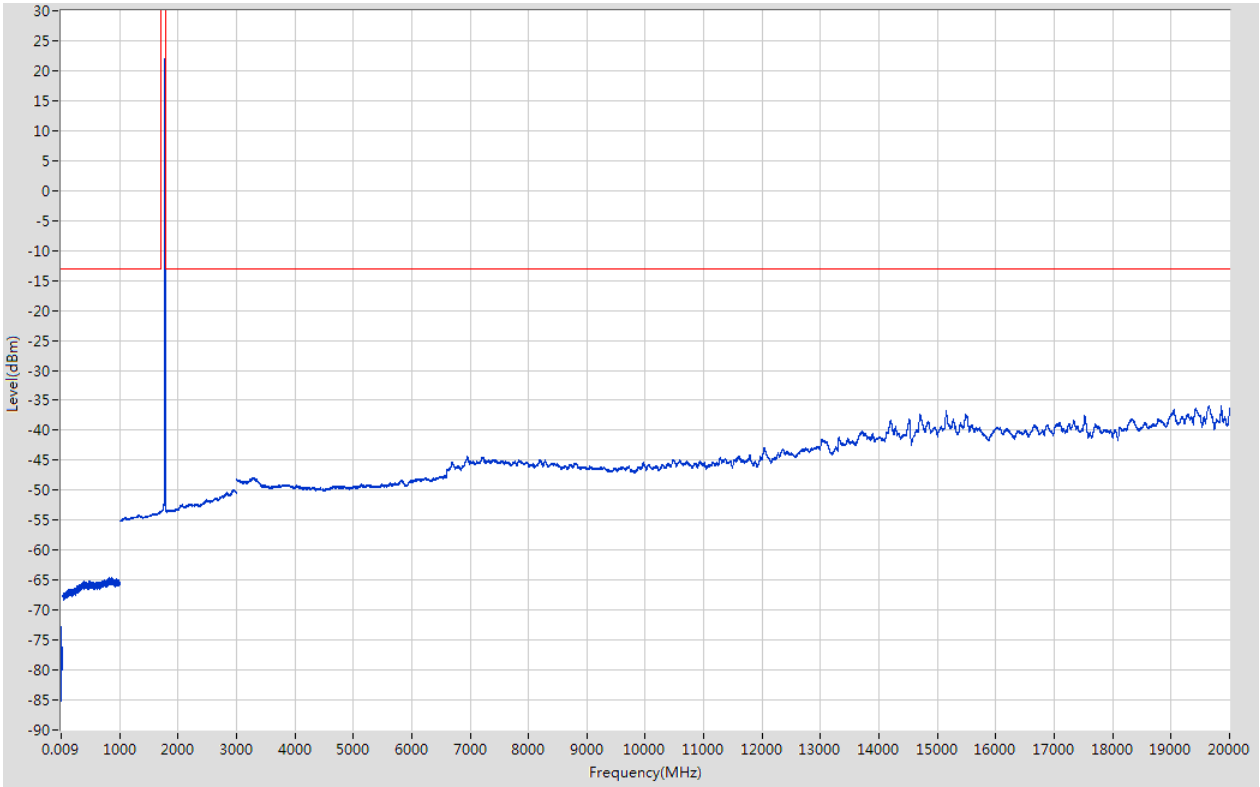
## 18.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.63 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -73.02 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 827.097 | -64.62 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -53.61 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1777.175 | 22.81 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2951.96 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11793.745 | -44.24 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19643.955 | -35.88 | -13 | Pass | 8000 |



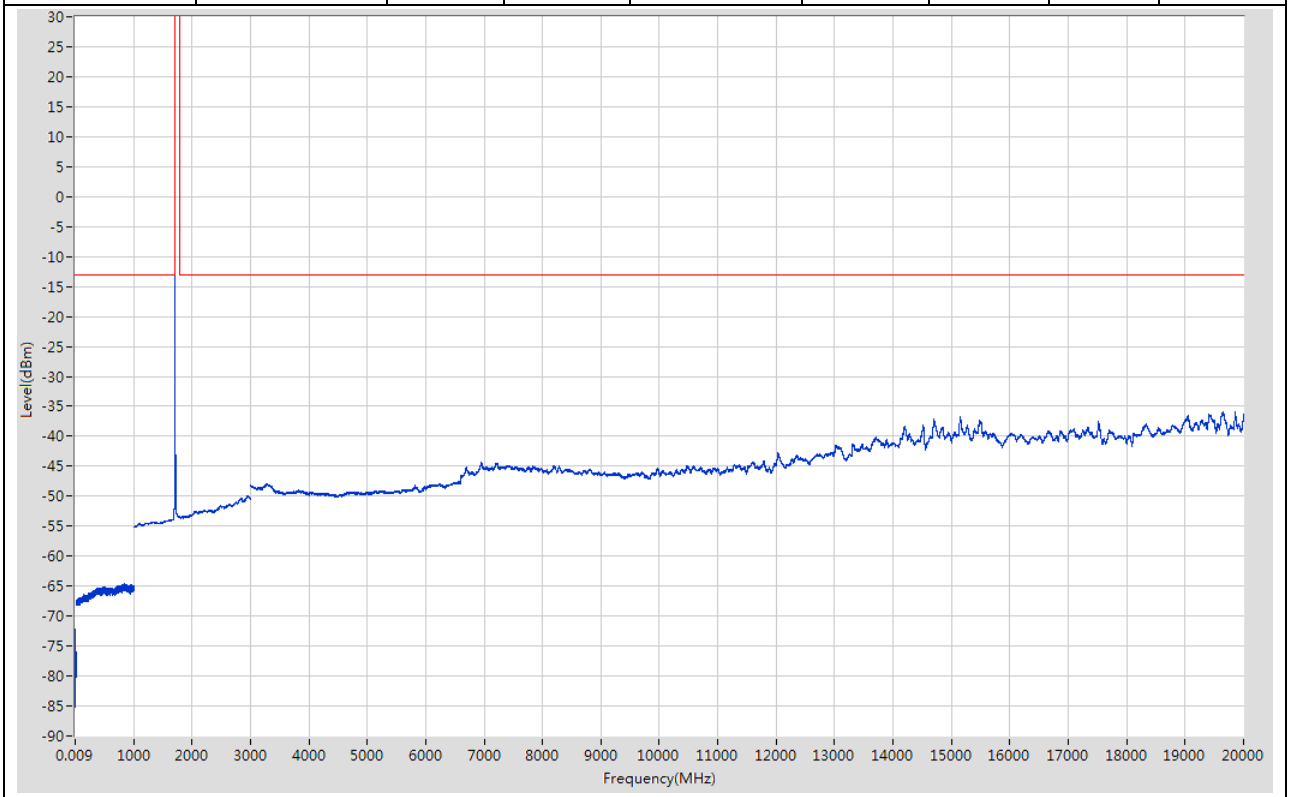
## 18.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.69 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -72.78 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 826.597 | -64.5 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -53.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1777.175 | 21.92 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2956.964 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.94 | -13 | Pass | 8000 |



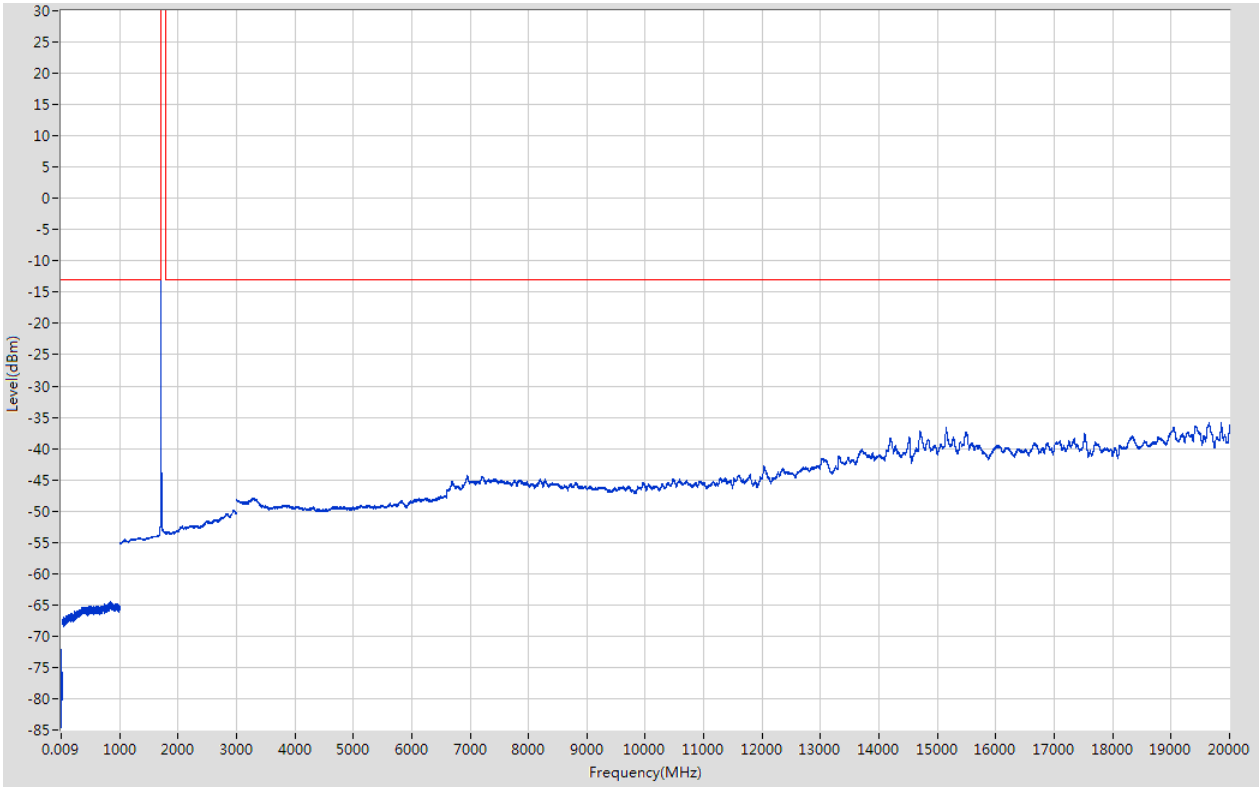
## 18.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.82 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.13 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 848.5 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.37 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 22.58 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2956.964 | -49.91 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.13 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19651.956 | -35.91 | -13 | Pass | 8000 |



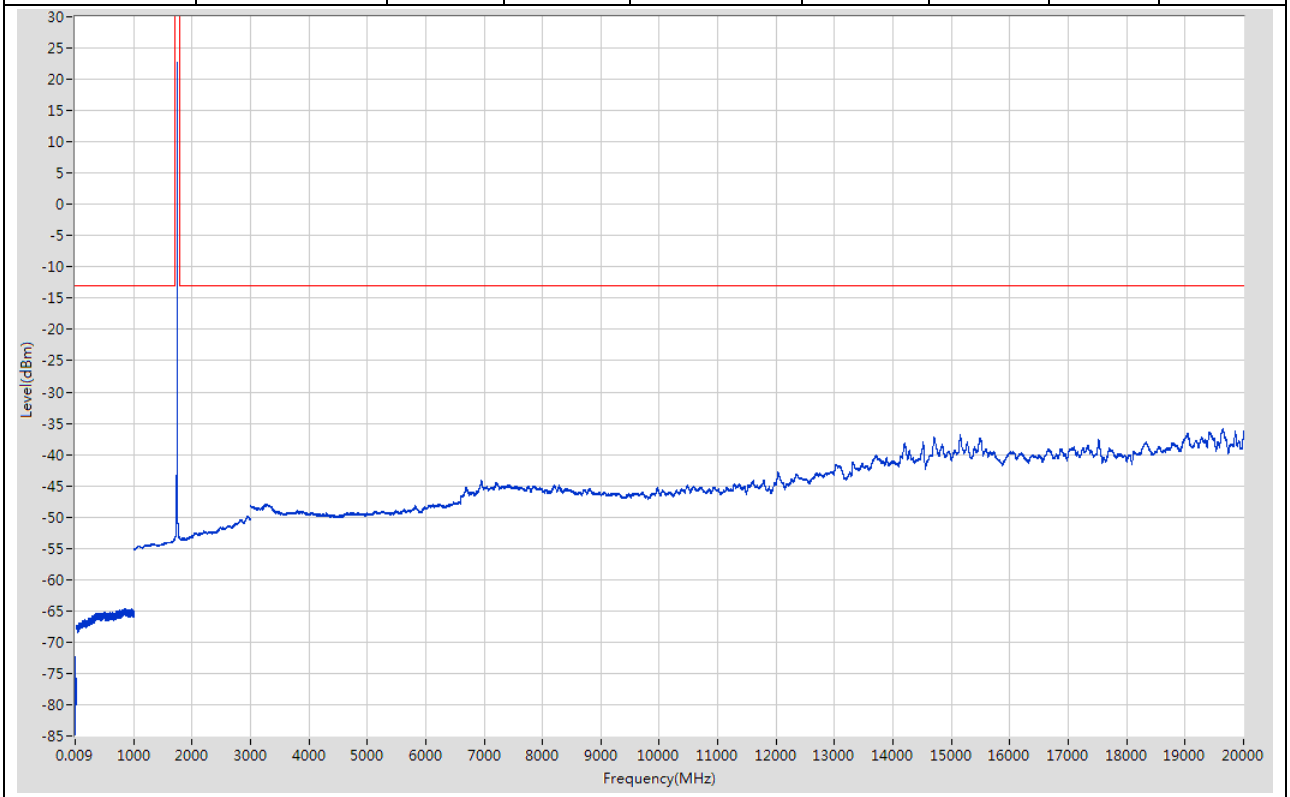
## 18.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -73.82 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.09 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 849.801 | -64.53 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -51.52 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.125 | 21.87 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2942.953 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -35.88 | -13 | Pass | 8000 |



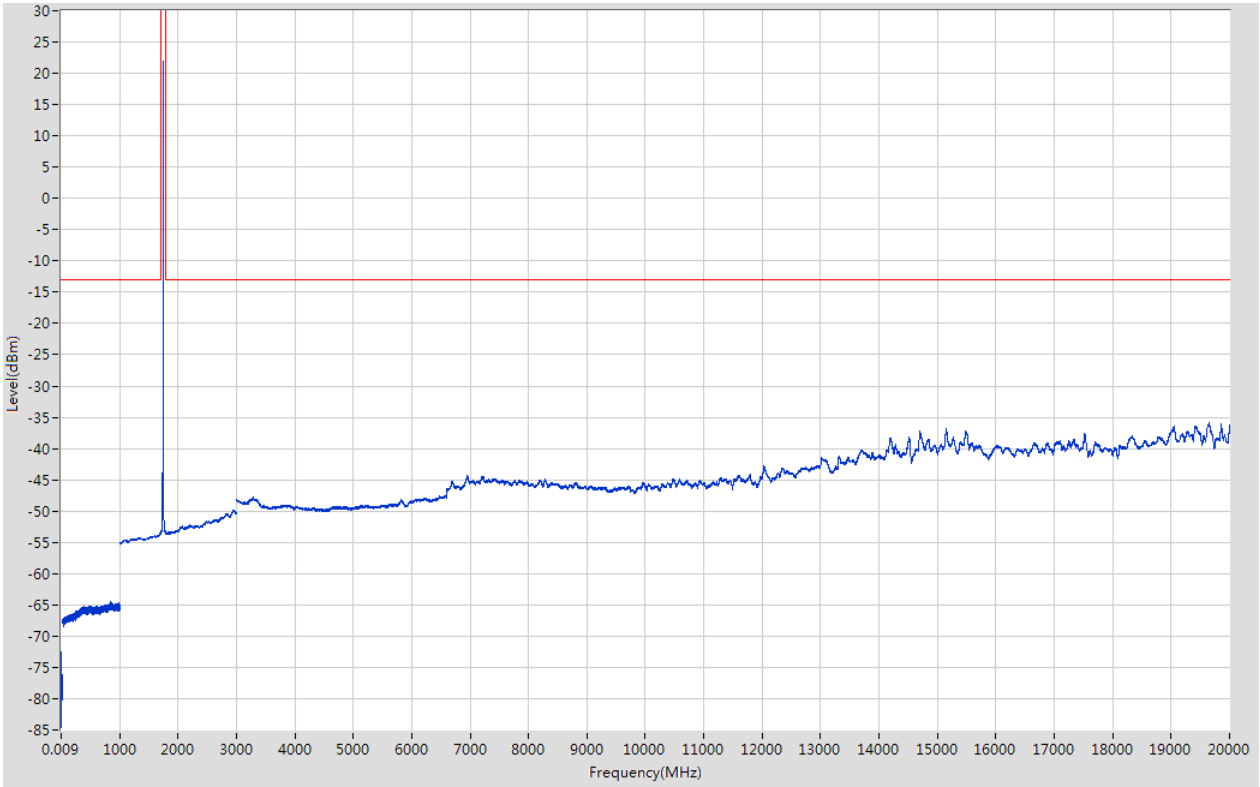
## 18.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.73 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.39 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.098 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.58 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1742.75 | 22.73 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2948.958 | -49.9 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.16 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.8 | -13 | Pass | 8000 |



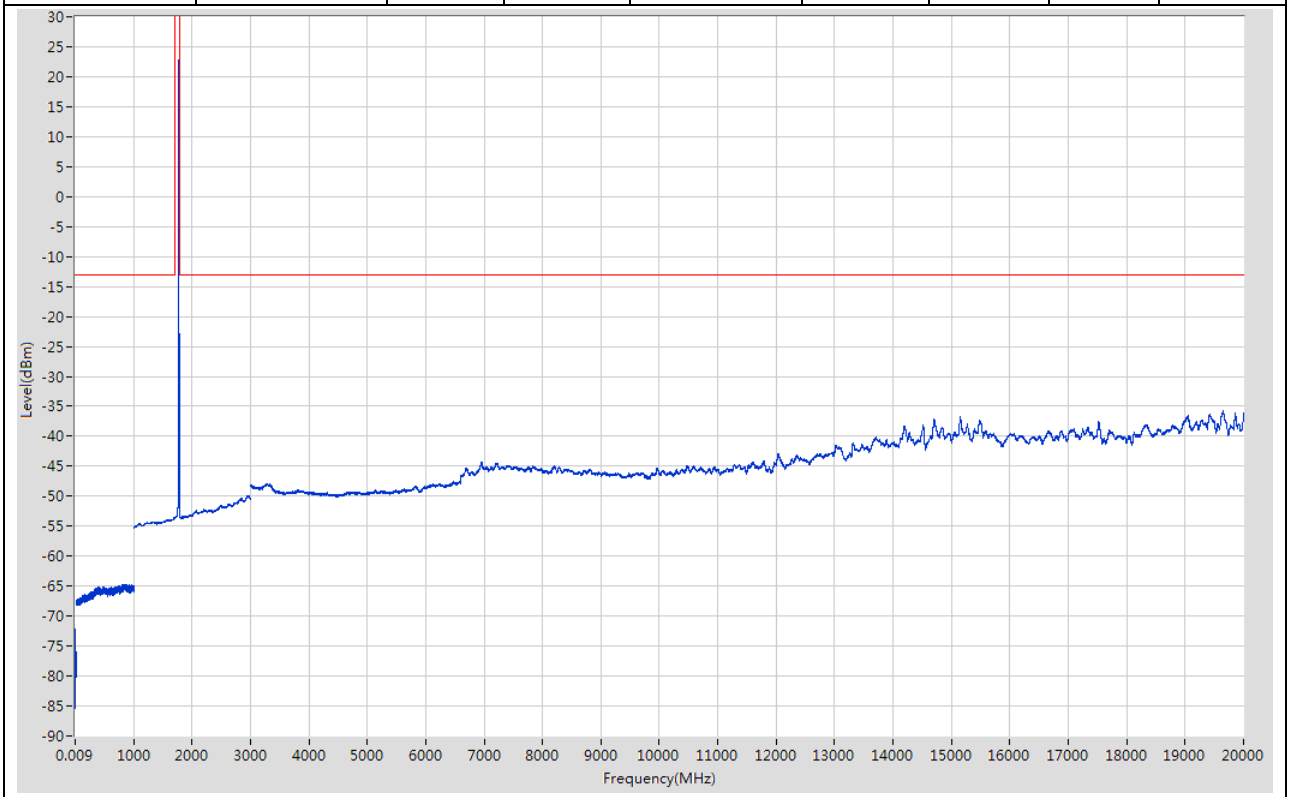
## 18.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.42 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.58 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 835.898 | -64.51 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1690.987 | -53.58 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1742.75 | 22.01 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2941.952 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.17 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19645.956 | -35.87 | -13 | Pass | 8000 |



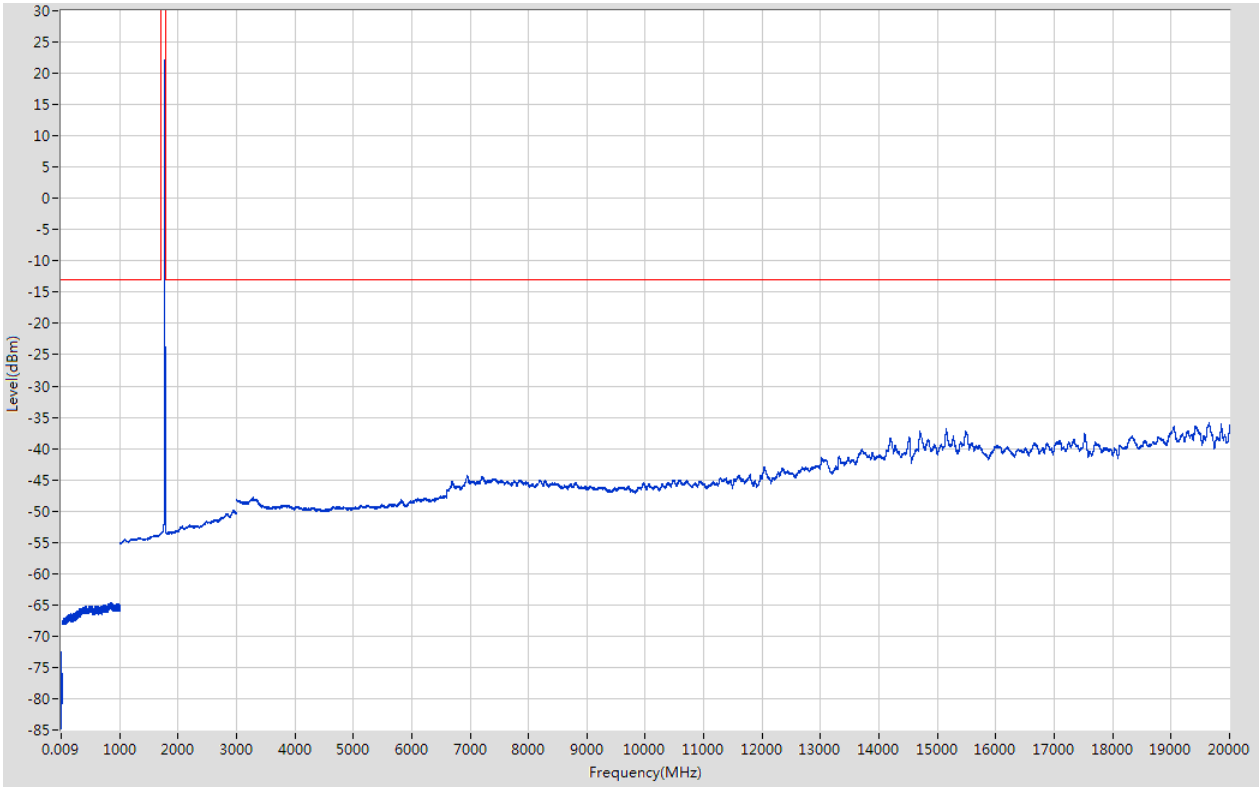
## 18.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.26 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 845.3 | -64.67 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -53.55 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1775.15 | 22.7 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2948.958 | -49.87 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.13 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.77 | -13 | Pass | 8000 |



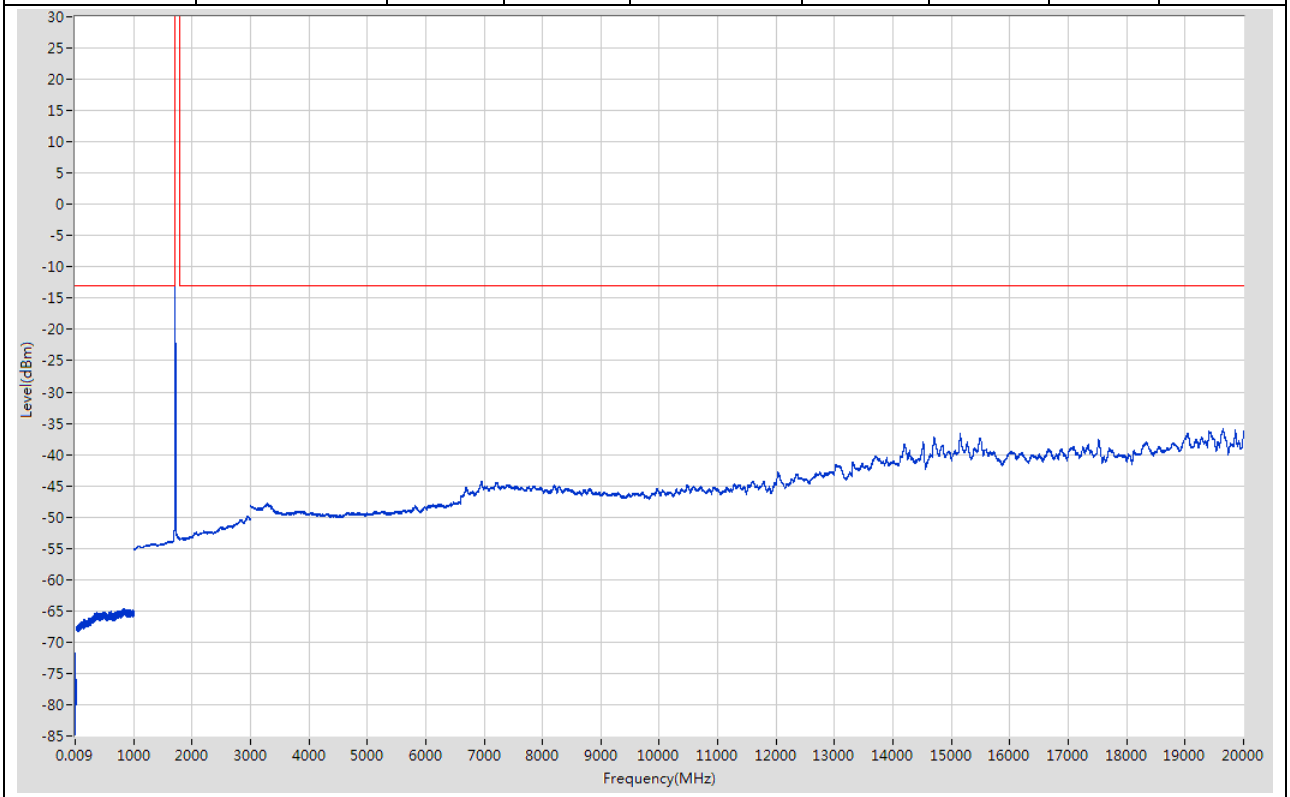
## 18.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75.06 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.31 | -72.53 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 859.514 | -64.59 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1695.994 | -53.6 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1775.15 | 22.06 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2952.961 | -49.86 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.1 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19643.955 | -35.94 | -13 | Pass | 8000 |



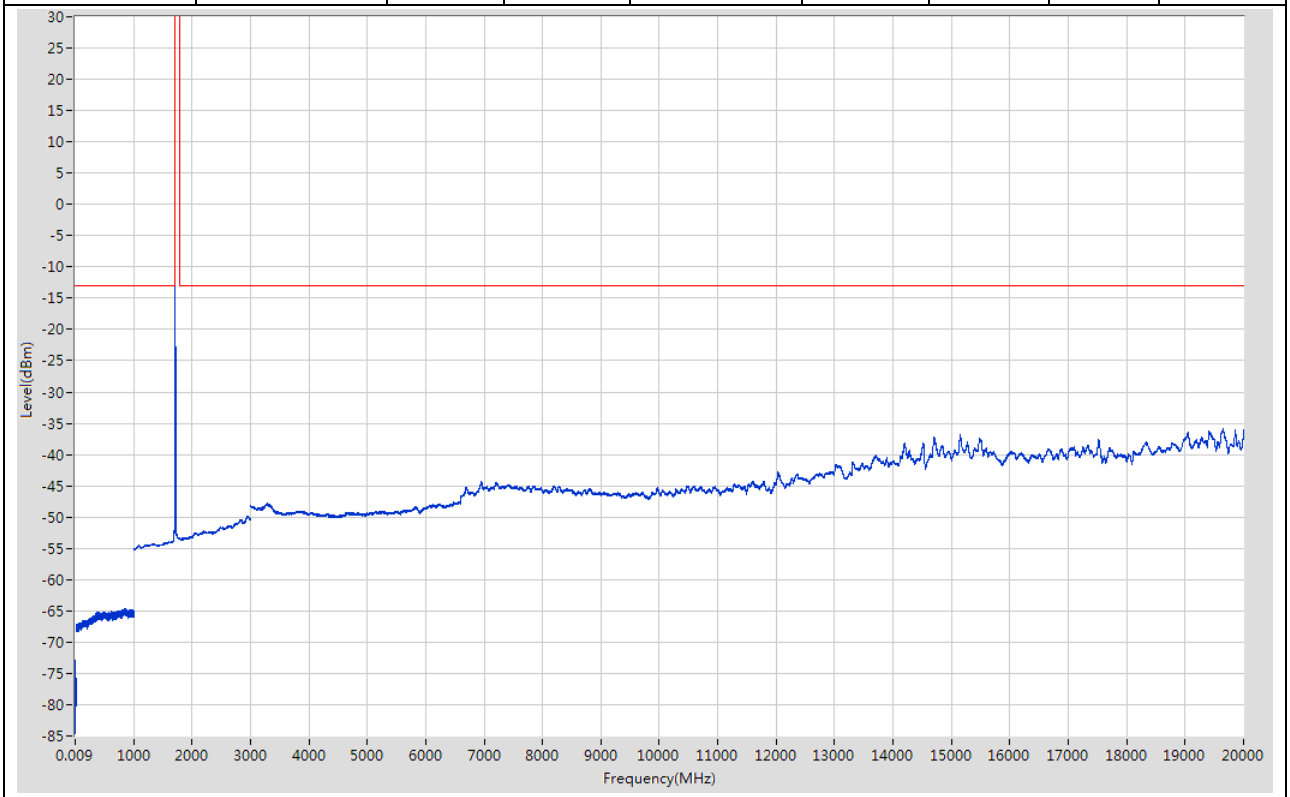
## 18.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -75.17 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.85 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 825.497 | -64.6 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.84 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.575 | 22.5 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2945.955 | -49.88 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.21 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19645.956 | -35.93 | -13 | Pass | 8000 |



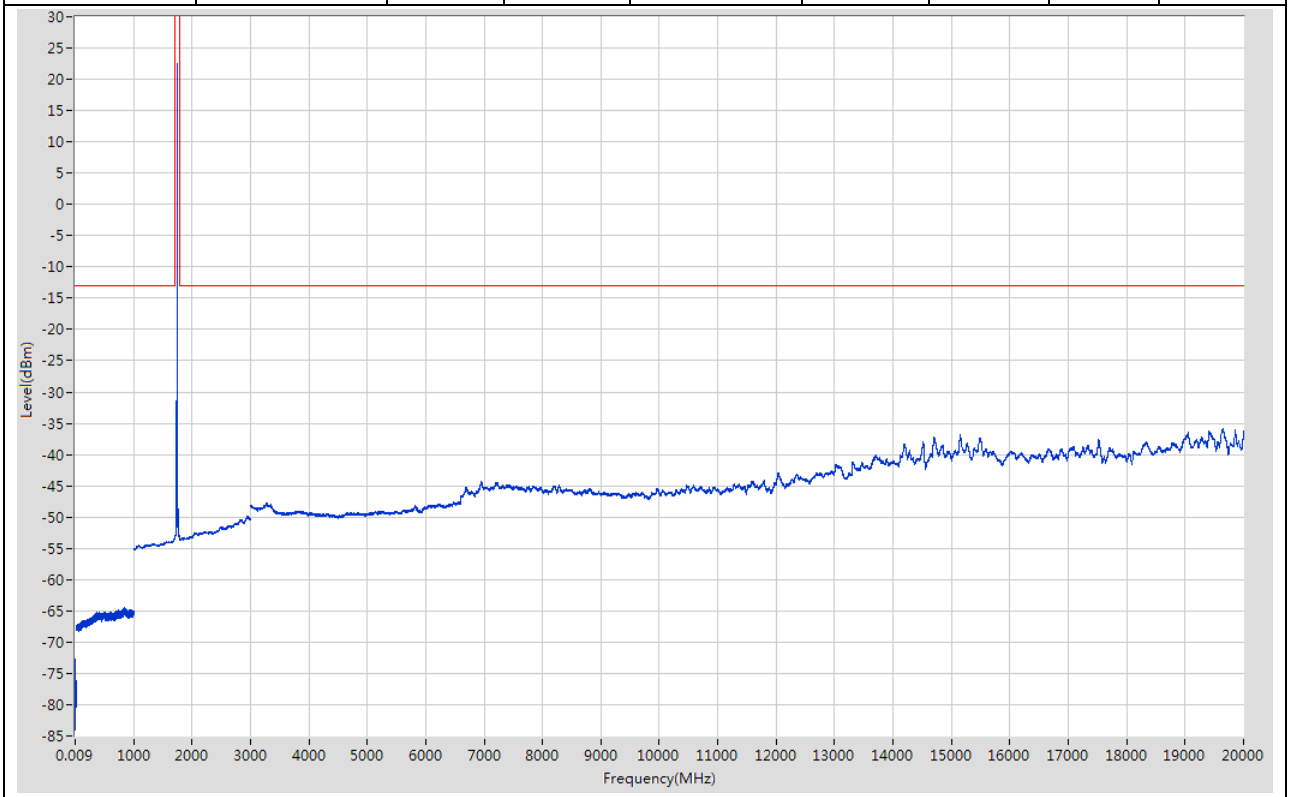
## 18.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -73.79 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.27 | -72.84 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 834.498 | -64.59 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -50.49 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.575 | 21.69 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2951.96 | -49.91 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.23 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.89 | -13 | Pass | 8000 |



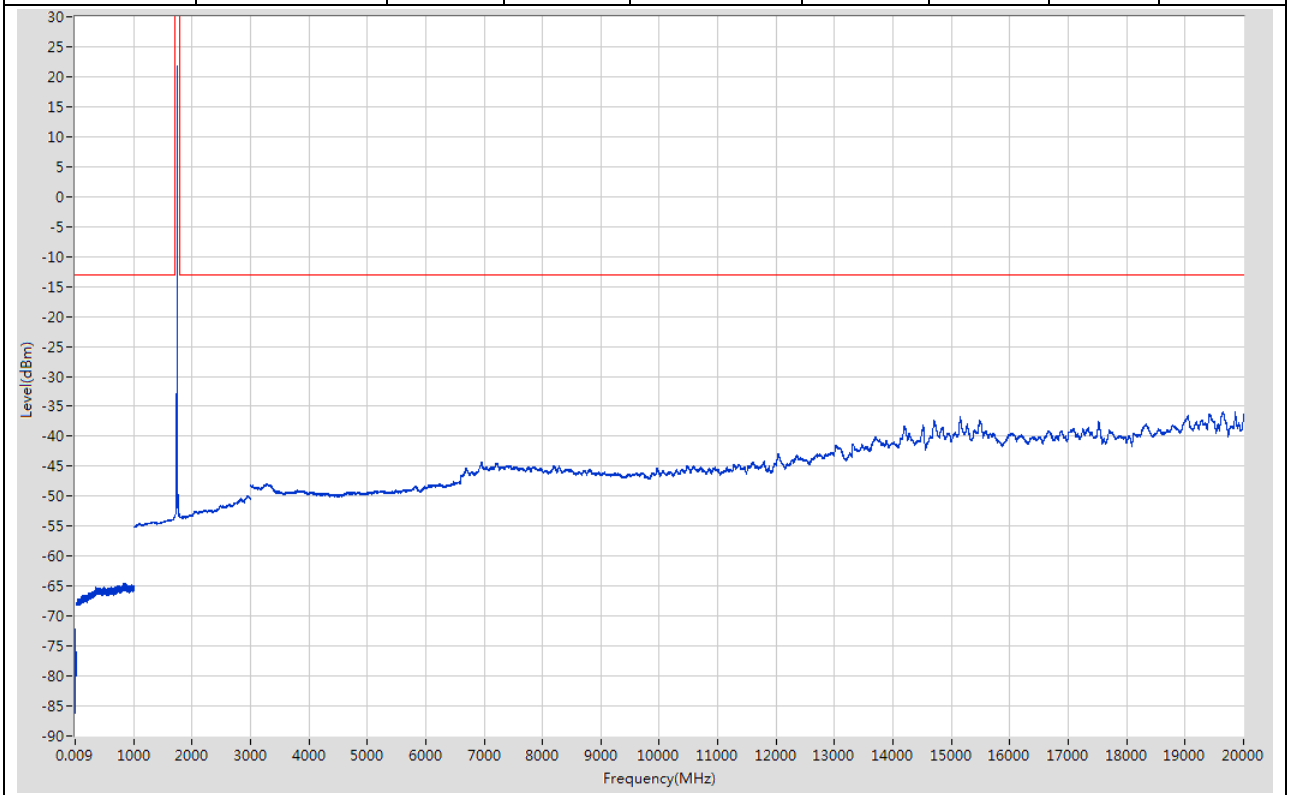
## 18.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.16 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.64 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 842.199 | -64.52 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.52 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1740.5 | 22.44 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2946.956 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.13 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.83 | -13 | Pass | 8000 |



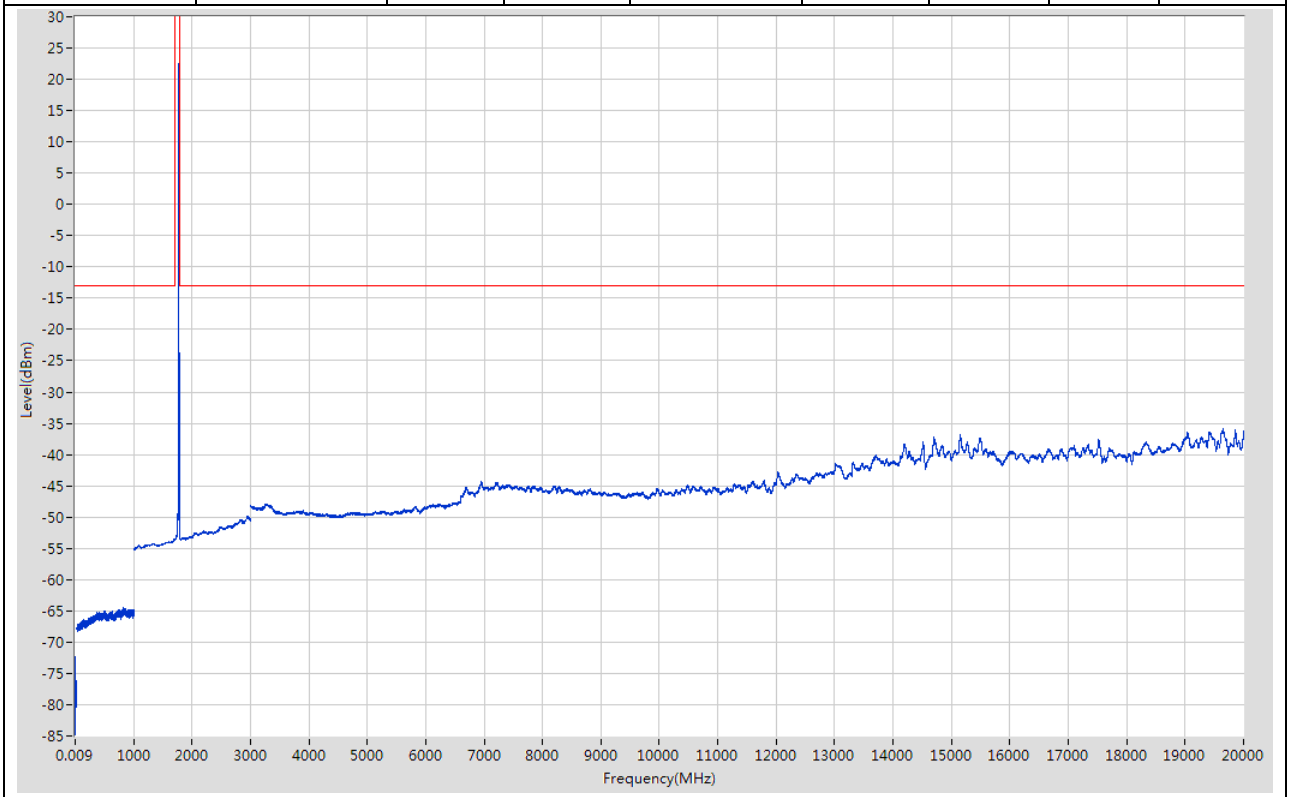
## 18.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.32 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.26 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 866.523 | -64.52 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.46 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1740.5 | 21.81 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2950.959 | -49.88 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.18 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.82 | -13 | Pass | 8000 |



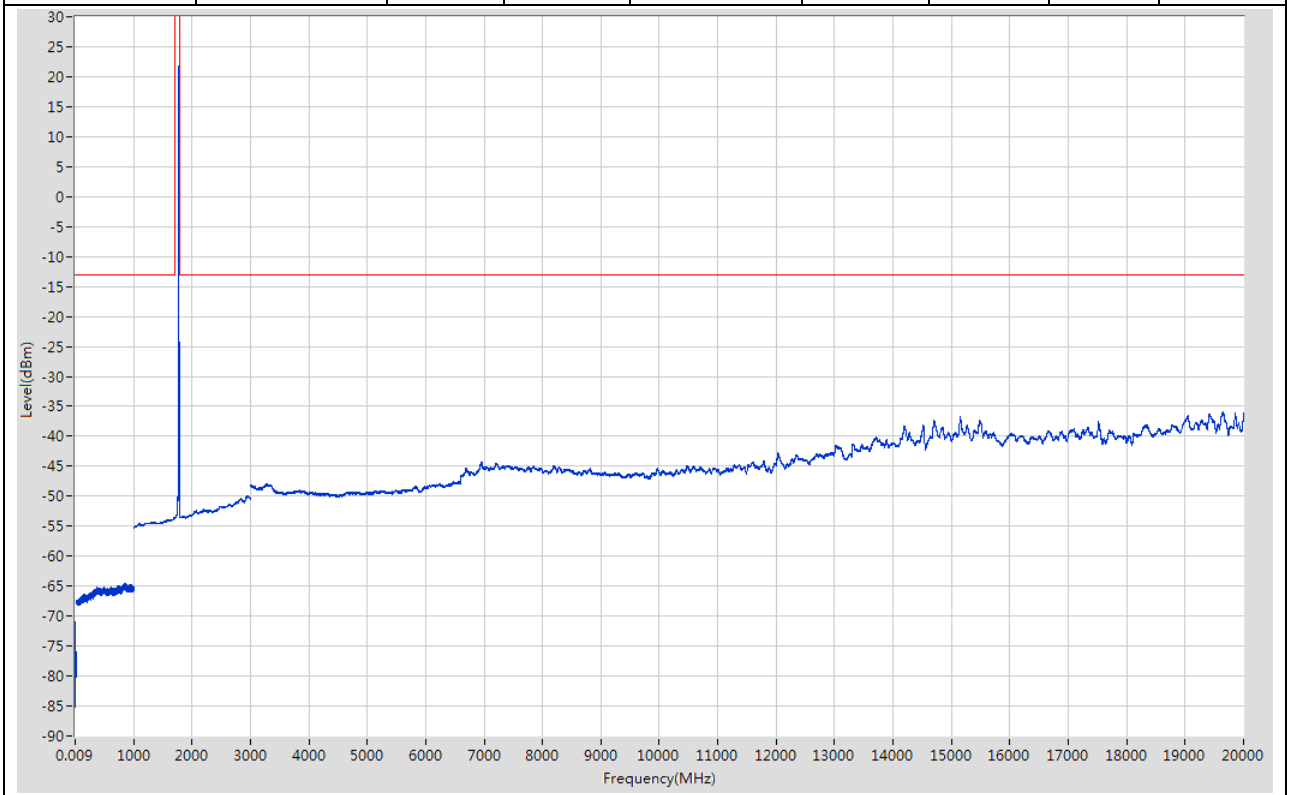
## 18.23. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.37 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.32 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 817.196 | -64.5 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.51 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1770.425 | 22.58 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2958.966 | -49.92 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.07 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19646.956 | -35.84 | -13 | Pass | 8000 |



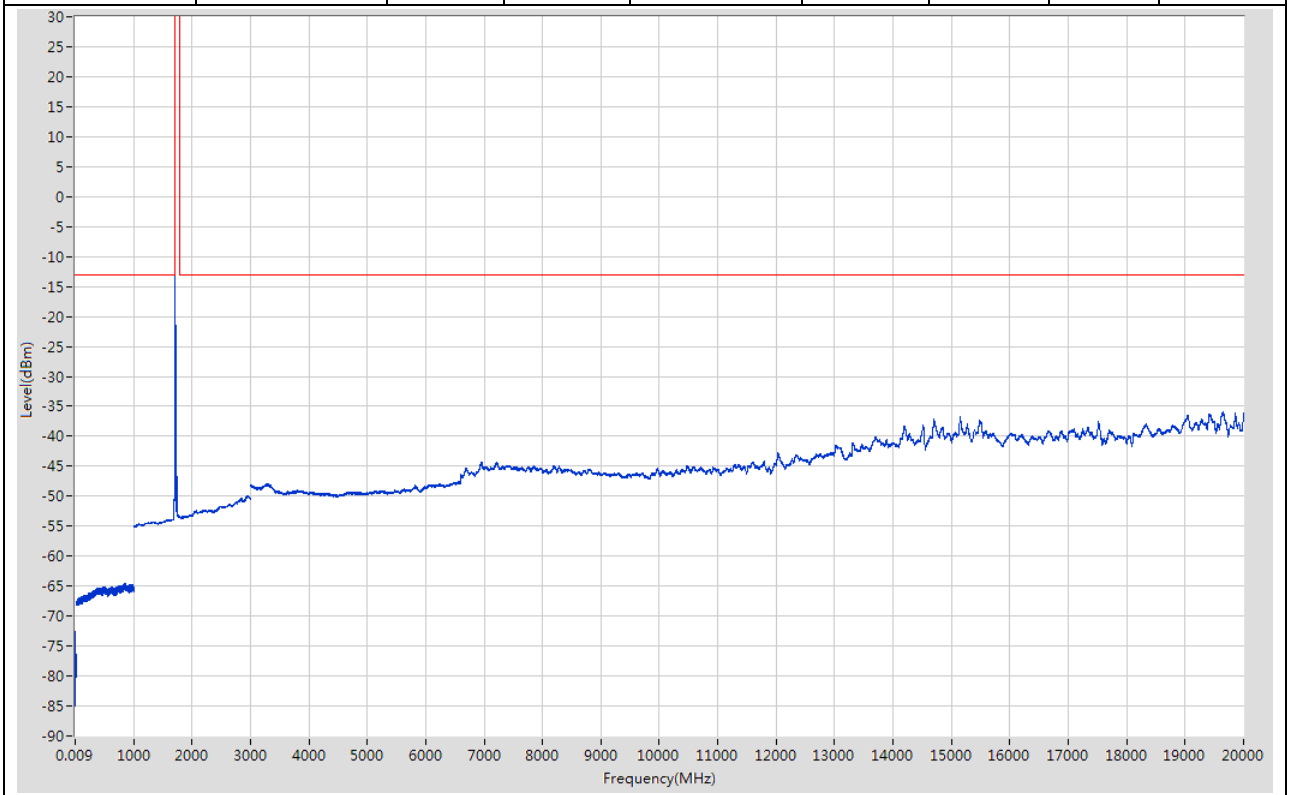
## 18.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.1 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.04 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 844.299 | -64.54 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1694.993 | -53.54 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1770.425 | 21.74 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2961.969 | -49.86 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11784.734 | -44.11 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.92 | -13 | Pass | 8000 |



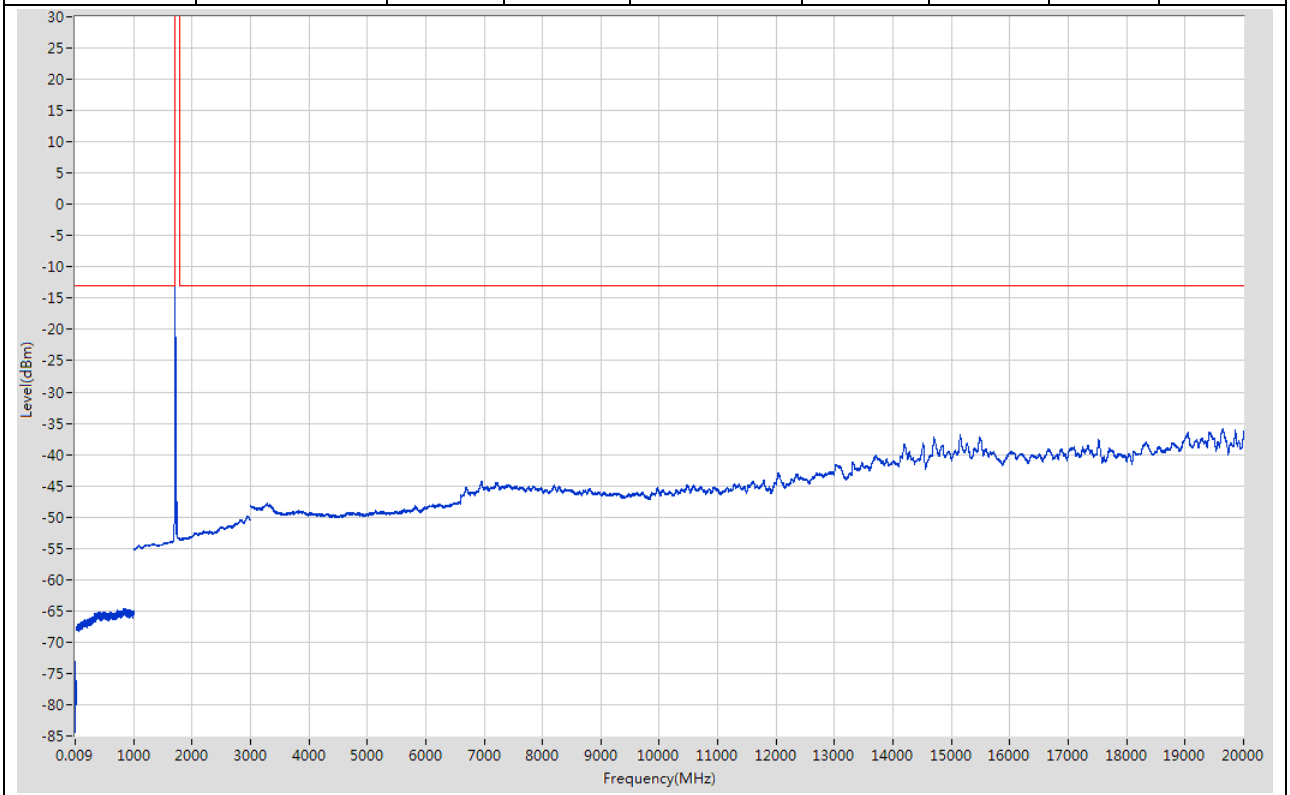
## 18.25. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.71 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.62 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 856.109 | -64.56 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -34.03 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.8 | 22.87 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2947.957 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11790.741 | -44.22 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19645.956 | -35.92 | -13 | Pass | 8000 |



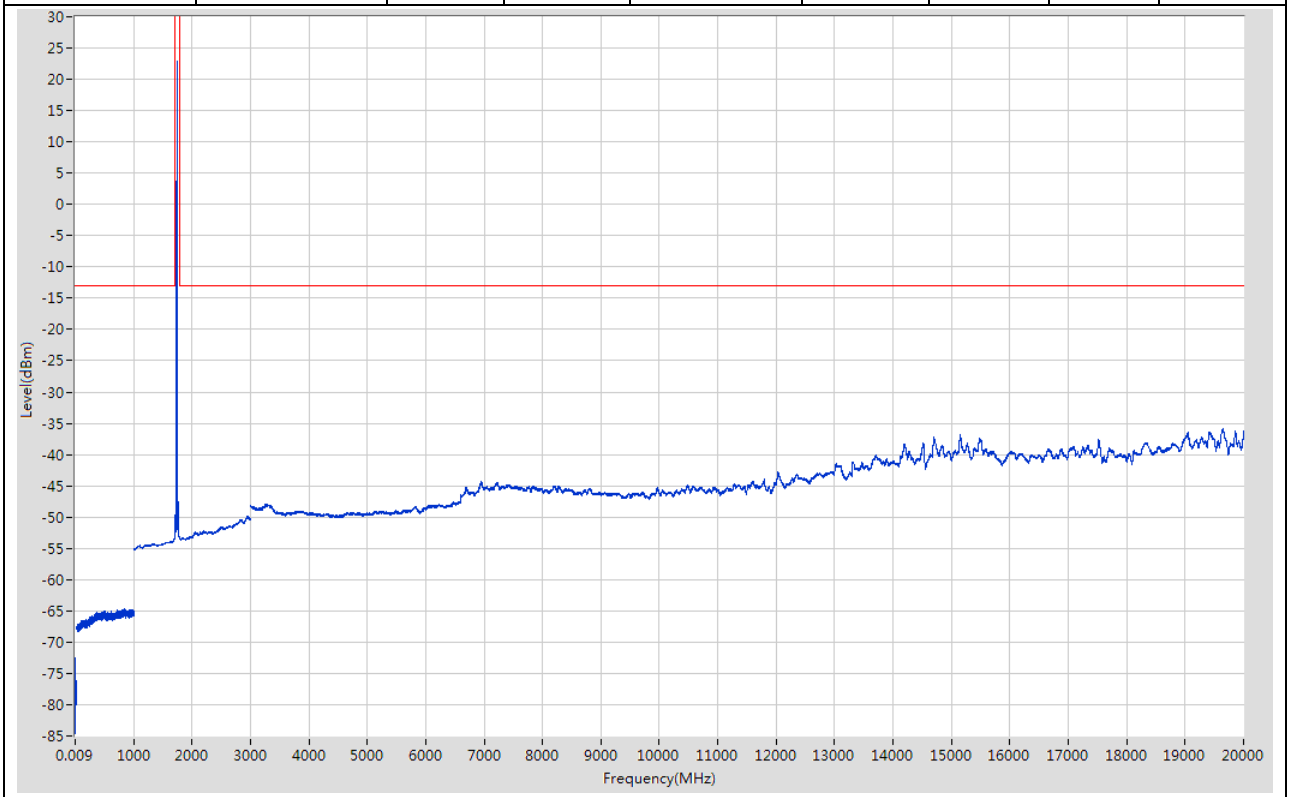
## 18.26. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.86 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -73.13 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 845.2 | -64.57 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1697.997 | -35.01 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1710.8 | 22.1 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2947.957 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.12 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.9 | -13 | Pass | 8000 |



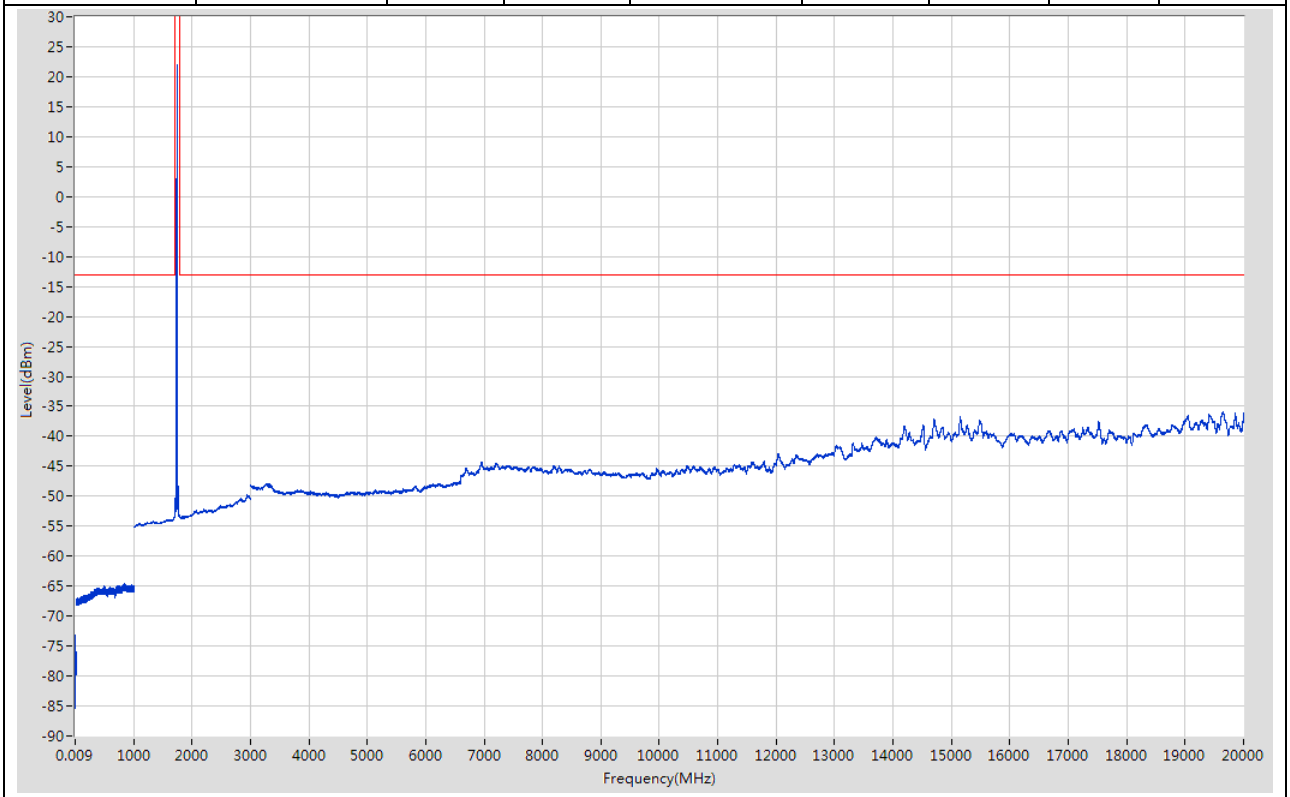
## 18.27. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.59 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.56 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 845.6 | -64.56 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -53.43 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1738.25 | 22.88 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2944.955 | -49.88 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.01 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.94 | -13 | Pass | 8000 |



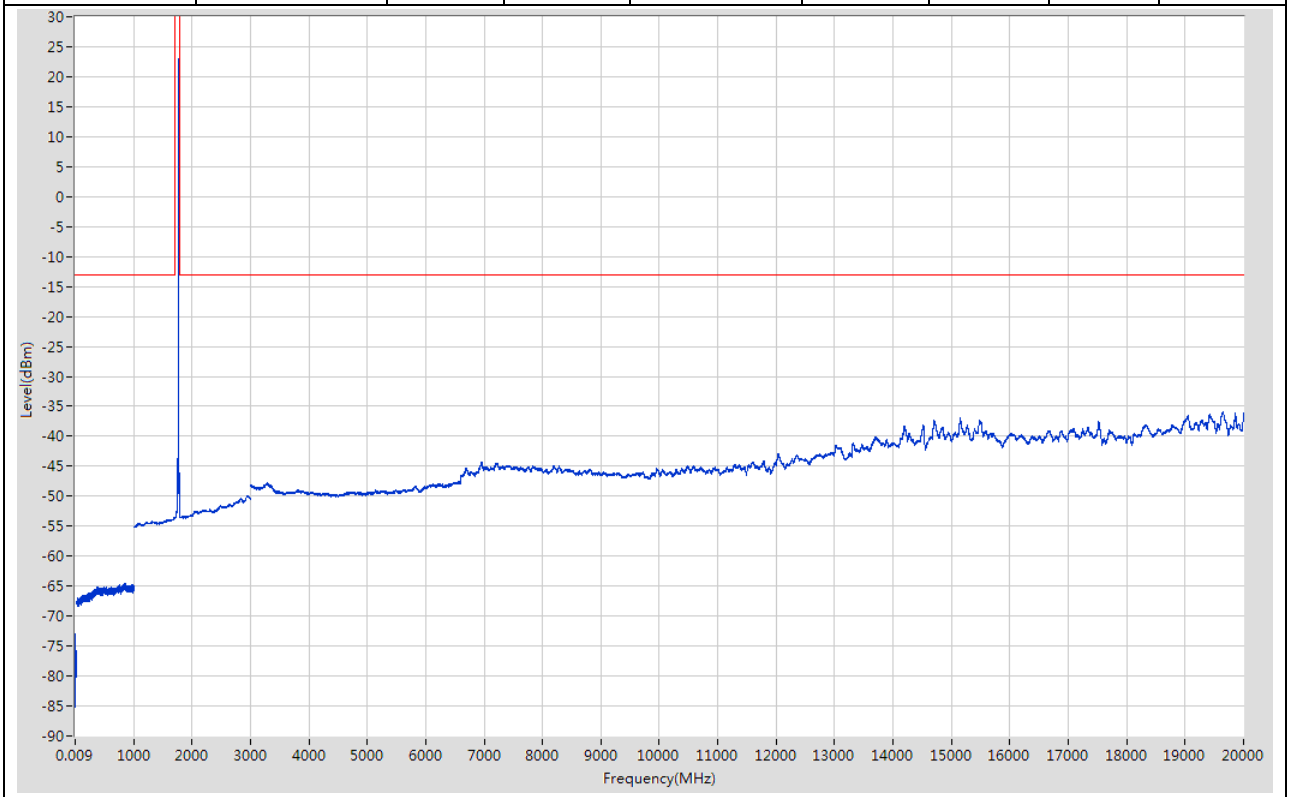
## 18.28. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.61 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -73.12 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 836.298 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.49 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1738.25 | 21.95 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2944.955 | -49.83 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.1 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.87 | -13 | Pass | 8000 |



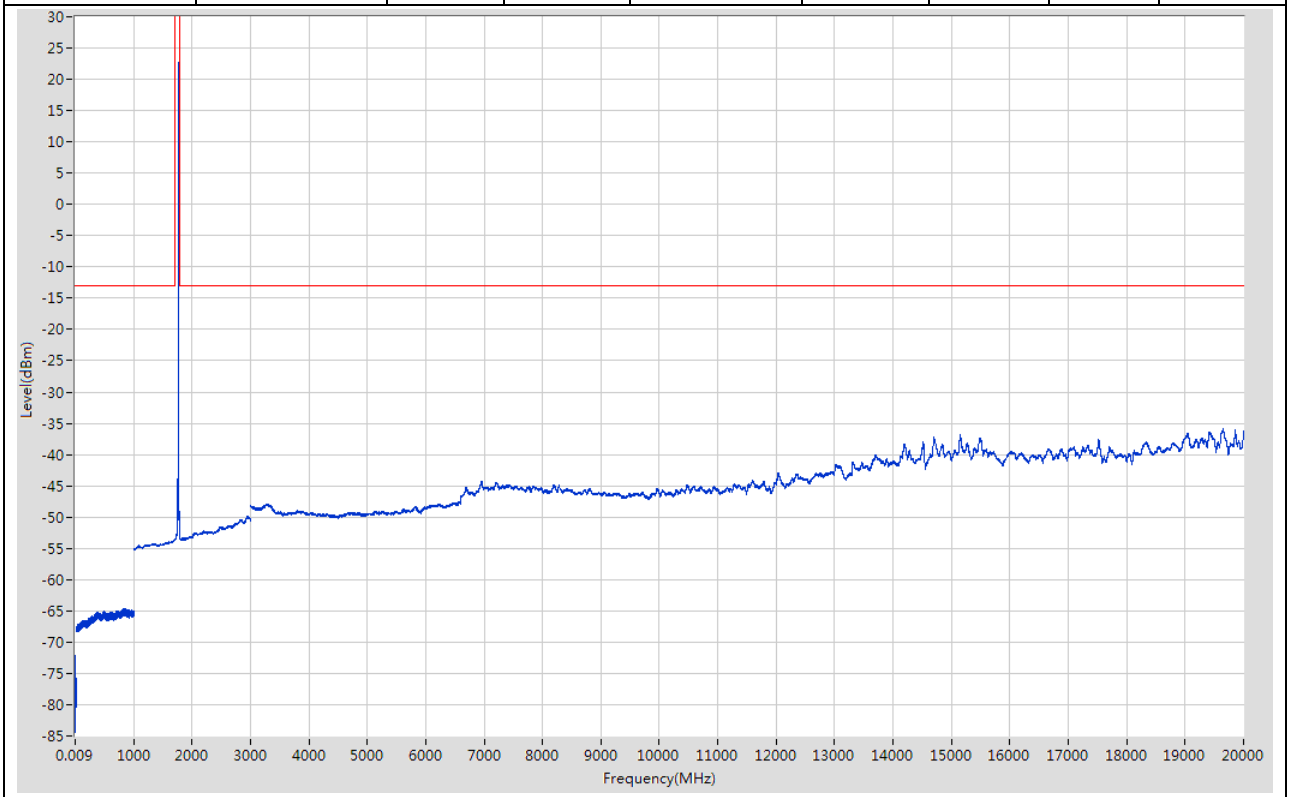
## 18.29. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.47 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.95 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.999 | -64.58 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1695.994 | -53.59 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1765.7 | 22.98 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2948.958 | -49.88 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.11 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19650.956 | -35.9 | -13 | Pass | 8000 |



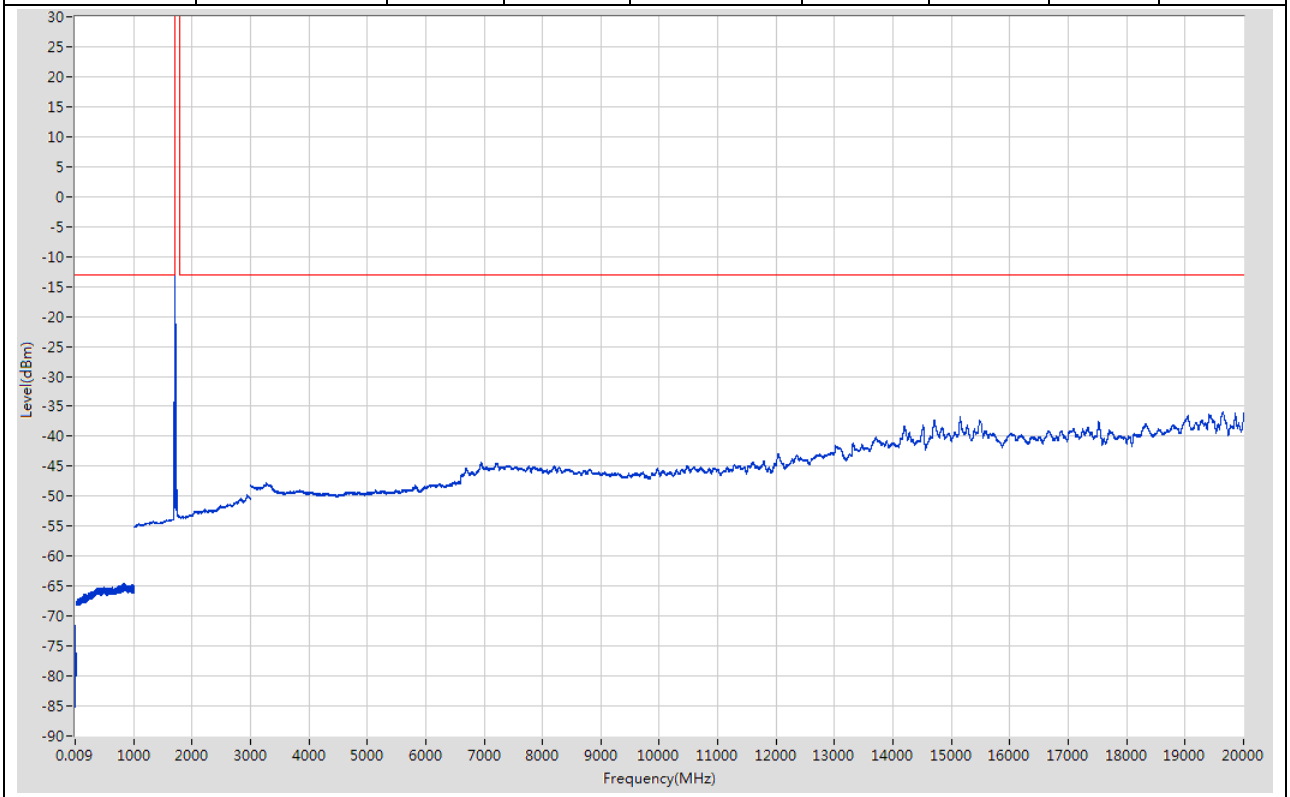
## 18.30. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.39 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.21 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 829.098 | -64.63 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -53.64 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1765.7 | 22.63 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2956.964 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11600.506 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.84 | -13 | Pass | 8000 |



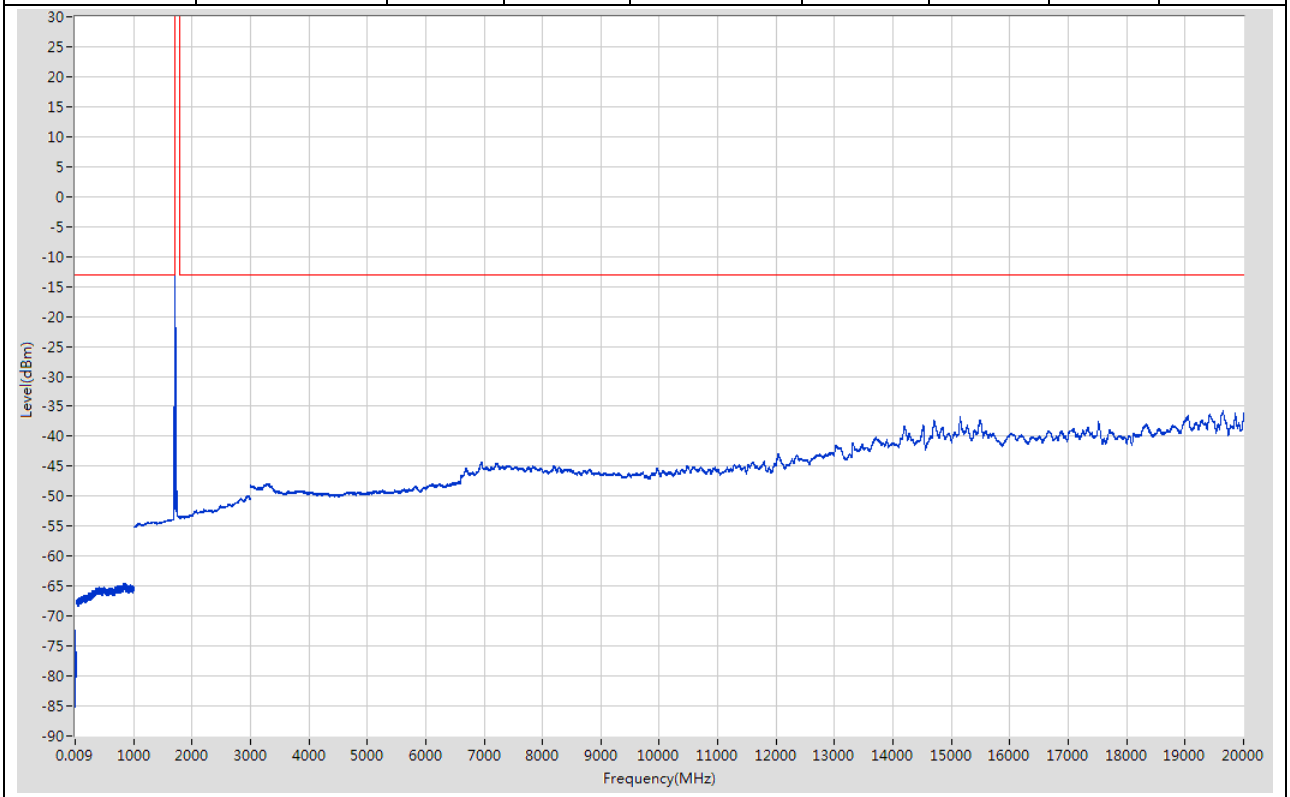
## 18.31. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.75 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.5 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 819.696 | -64.59 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -34.27 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1711.025 | 22.7 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2945.955 | -49.83 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11786.736 | -44.11 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.9 | -13 | Pass | 8000 |



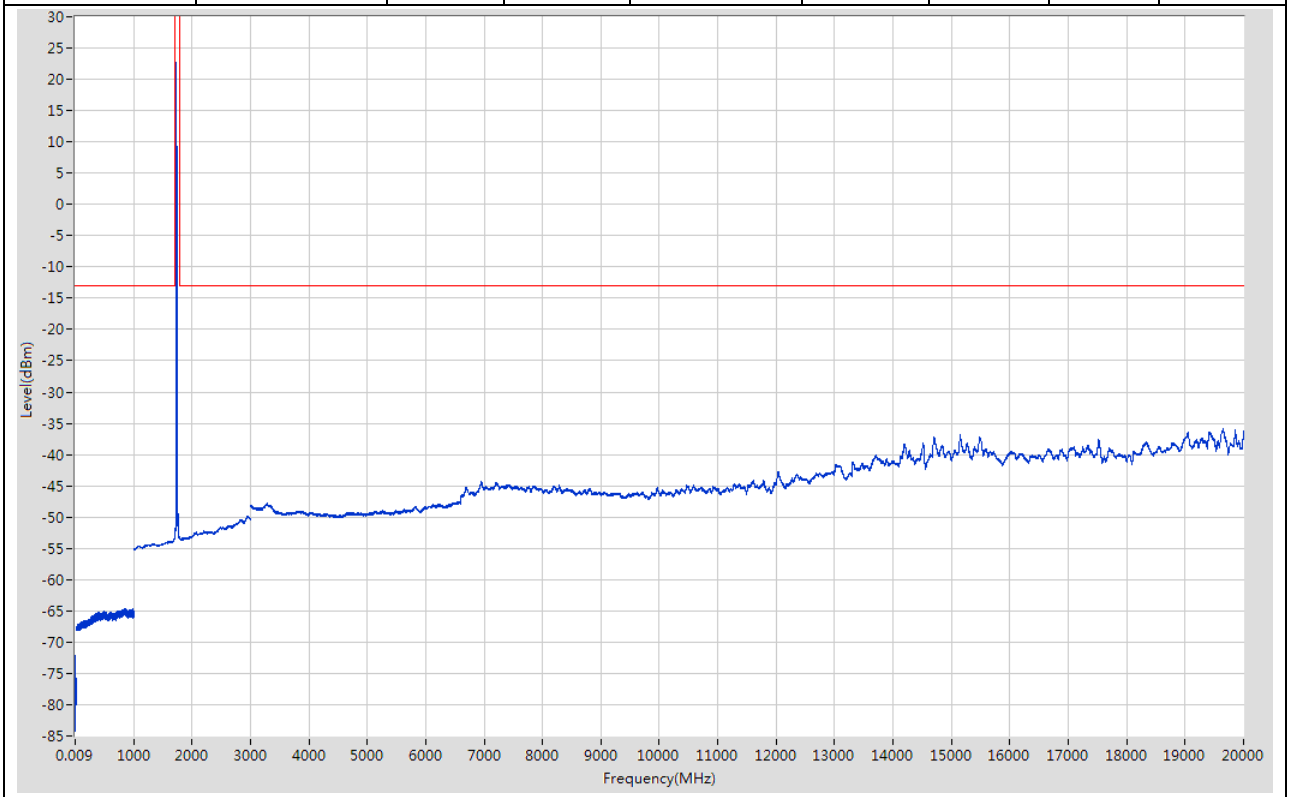
## 18.32. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -73.84 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.39 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 827.997 | -64.6 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1692.99 | -35.13 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1711.025 | 22.01 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2957.965 | -49.91 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11788.739 | -44.13 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.81 | -13 | Pass | 8000 |



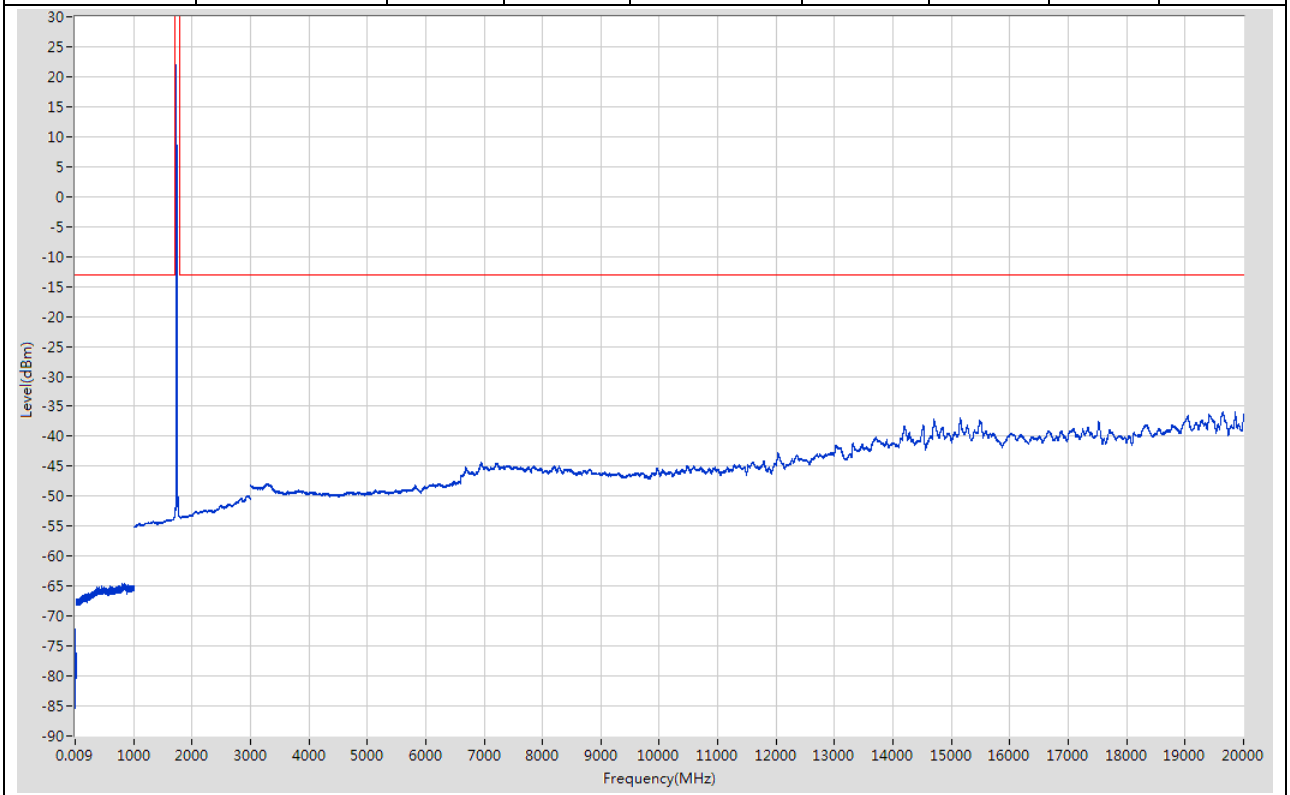
## 18.33. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -74.38 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.2 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 844.299 | -64.59 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -52.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1736 | 22.68 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2960.968 | -49.89 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -44.19 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.89 | -13 | Pass | 8000 |



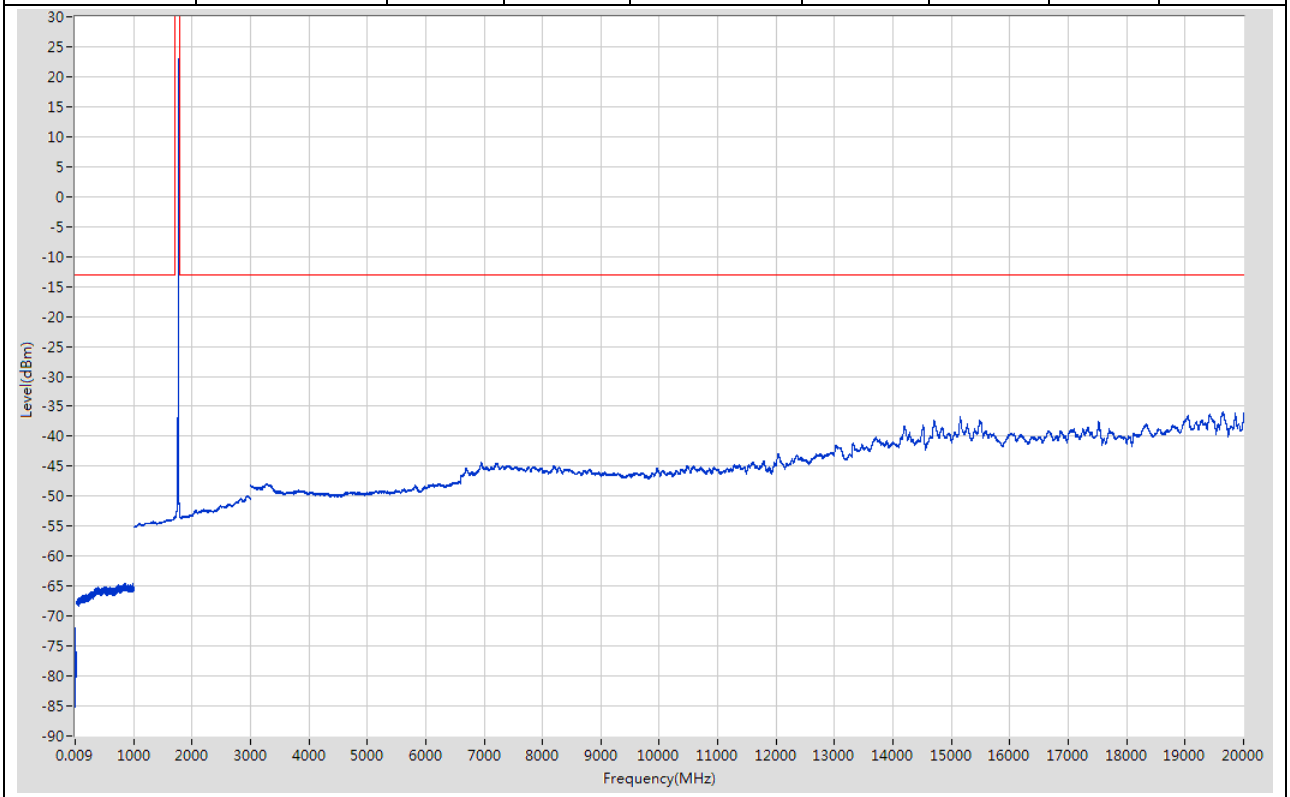
## 18.34. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -74.47 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.18 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 803.294 | -64.55 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1700 | -52.87 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1736 | 21.98 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2948.958 | -49.86 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11791.742 | -44.12 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19648.956 | -35.89 | -13 | Pass | 8000 |



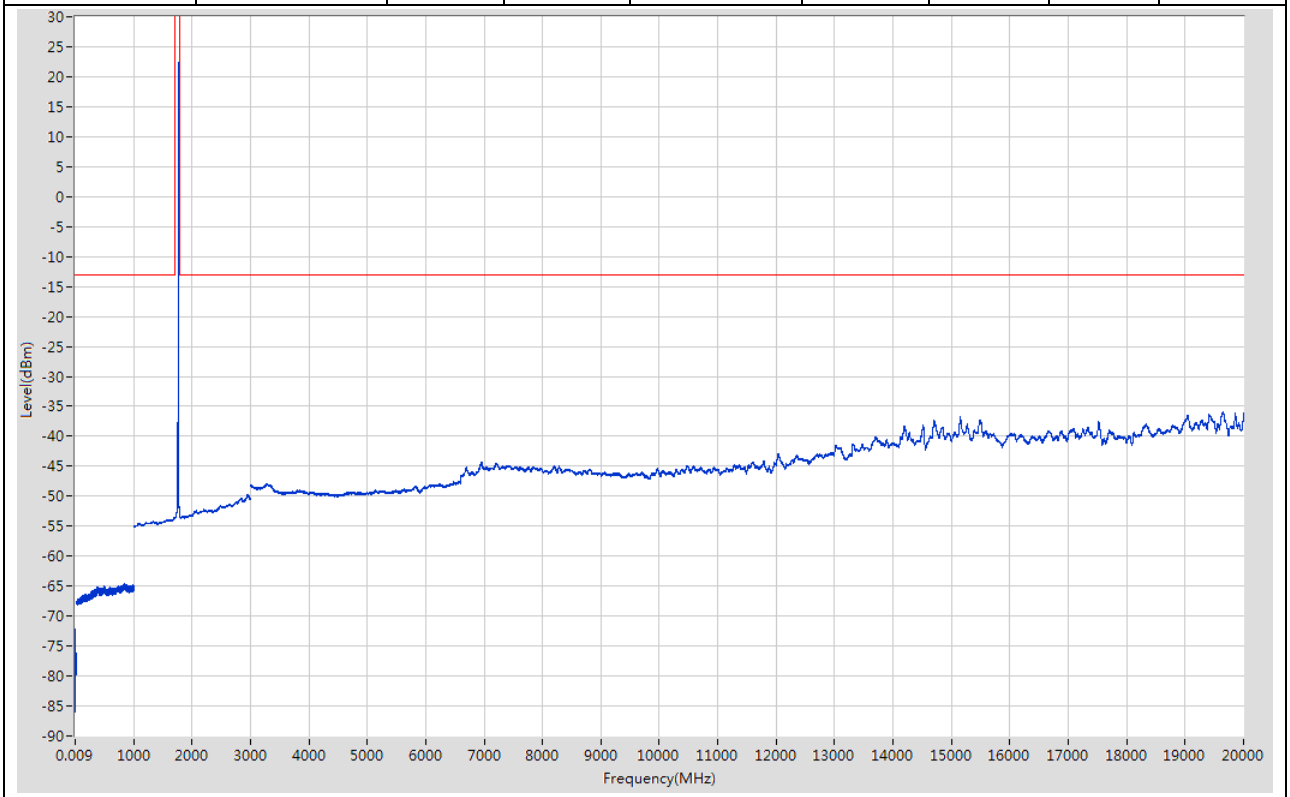
## 18.35. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -74.63 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.04 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 981.275 | -64.53 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1696.996 | -53.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1760.975 | 23.03 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2955.964 | -49.86 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11787.737 | -44.15 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19649.956 | -35.9 | -13 | Pass | 8000 |



## 18.36. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -73.08 | -13 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.16 | -13 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 843.899 | -64.6 | -13 | Pass | 9699 |
| 1000 | 1700 | 1 | RMS | 1698.999 | -53.56 | -13 | Pass | 700 |
| 1700 | 1790 | 1 | RMS | 1760.975 | 22.36 | 60 | Pass | 401 |
| 1790 | 3000 | 1 | RMS | 2948.958 | -49.81 | -13 | Pass | 1210 |
| 3000 | 12000 | 1 | RMS | 11789.74 | -44.16 | -13 | Pass | 9000 |
| 12000 | 20000 | 1 | RMS | 19647.956 | -35.86 | -13 | Pass | 8000 |



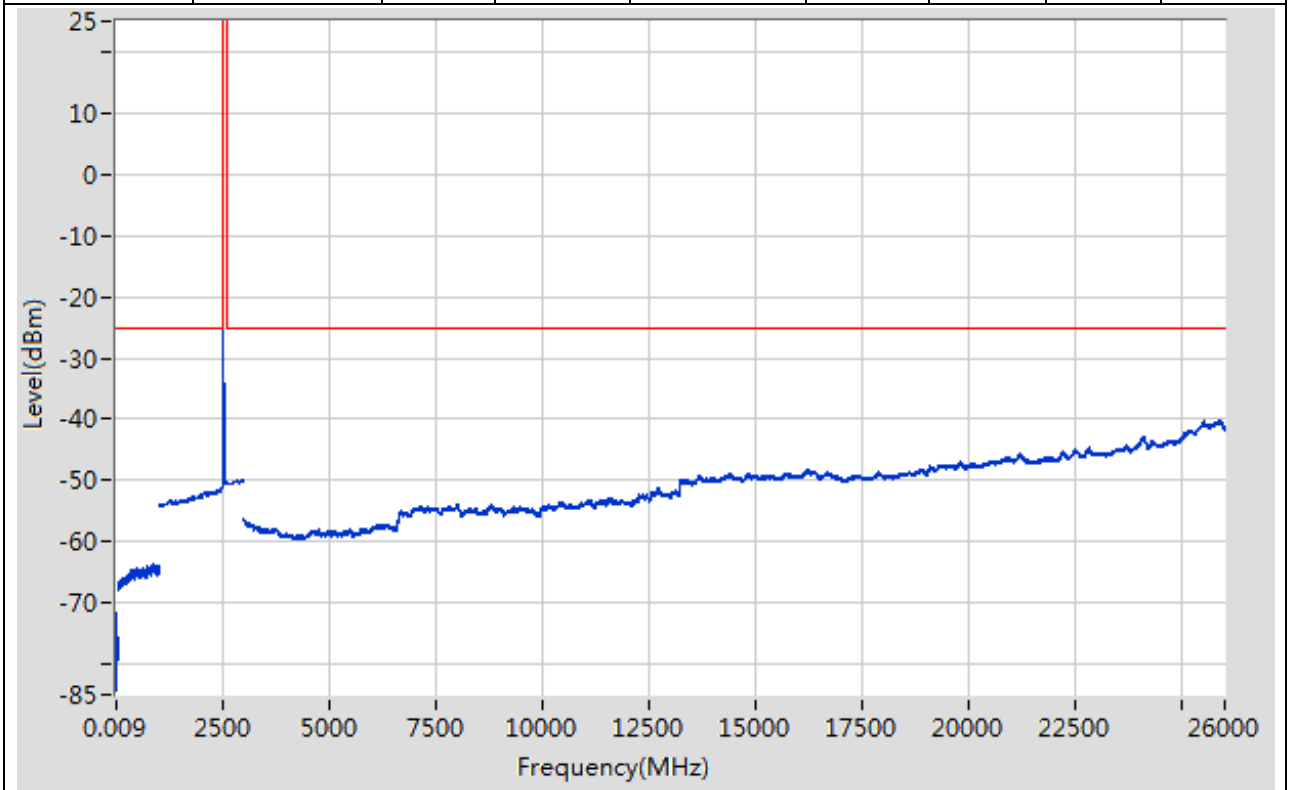
# CA

# 19. CA_7C

## 19.1. CA_7C_20M+10M_P100@0+S50@0_Low_QPSK

### 19.1.1. CA Spurious Emission at Antenna Terminals(NTNV)

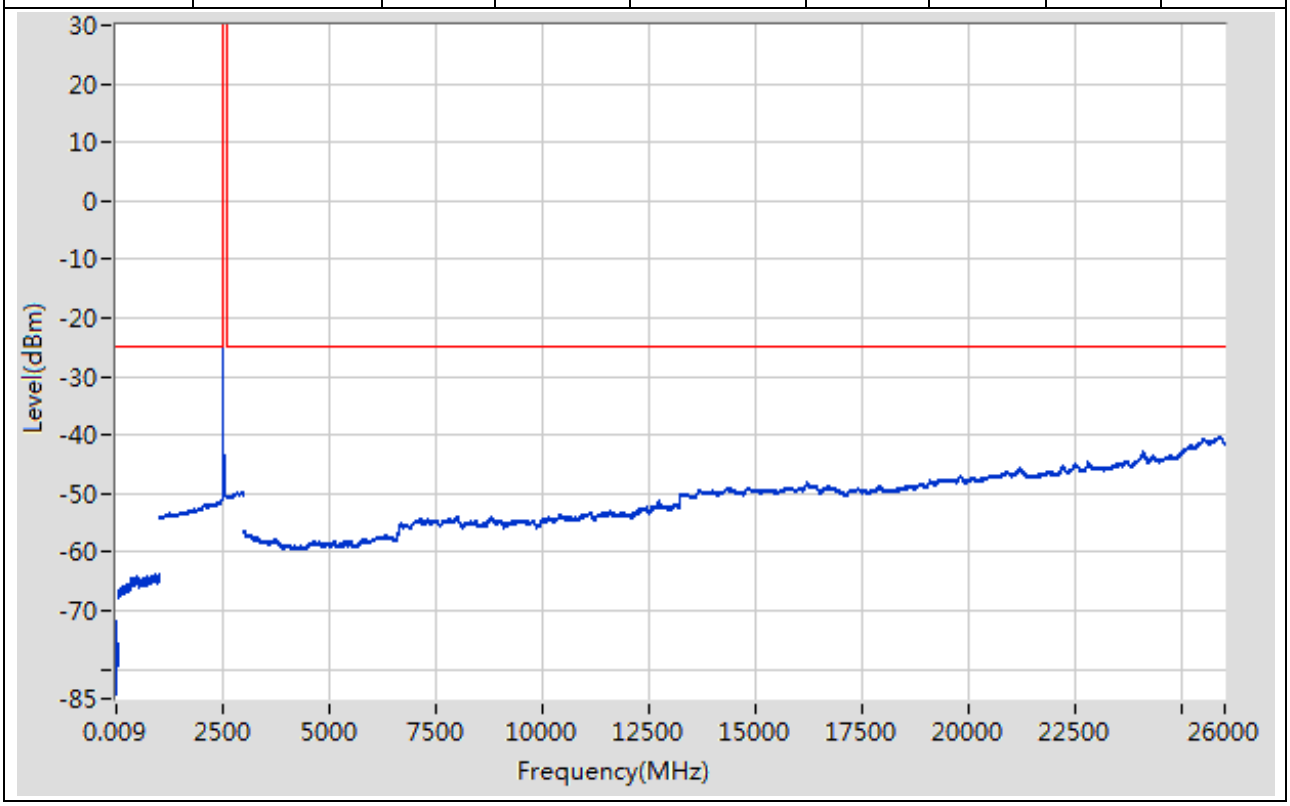
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.61 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.63 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 869.827 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2490 | -50.81 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2518.8 | 17.32 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2945.871 | -49.75 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11603.509 | -53.01 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25900.983 | -40.12 | -25 | Pass | 14000 |



## 19.2. CA_7C_20M+10M_P1@99+S1@0_Low_16QAM

### 19.2.1. CA Spurious Emission at Antenna Terminals(NTNV)

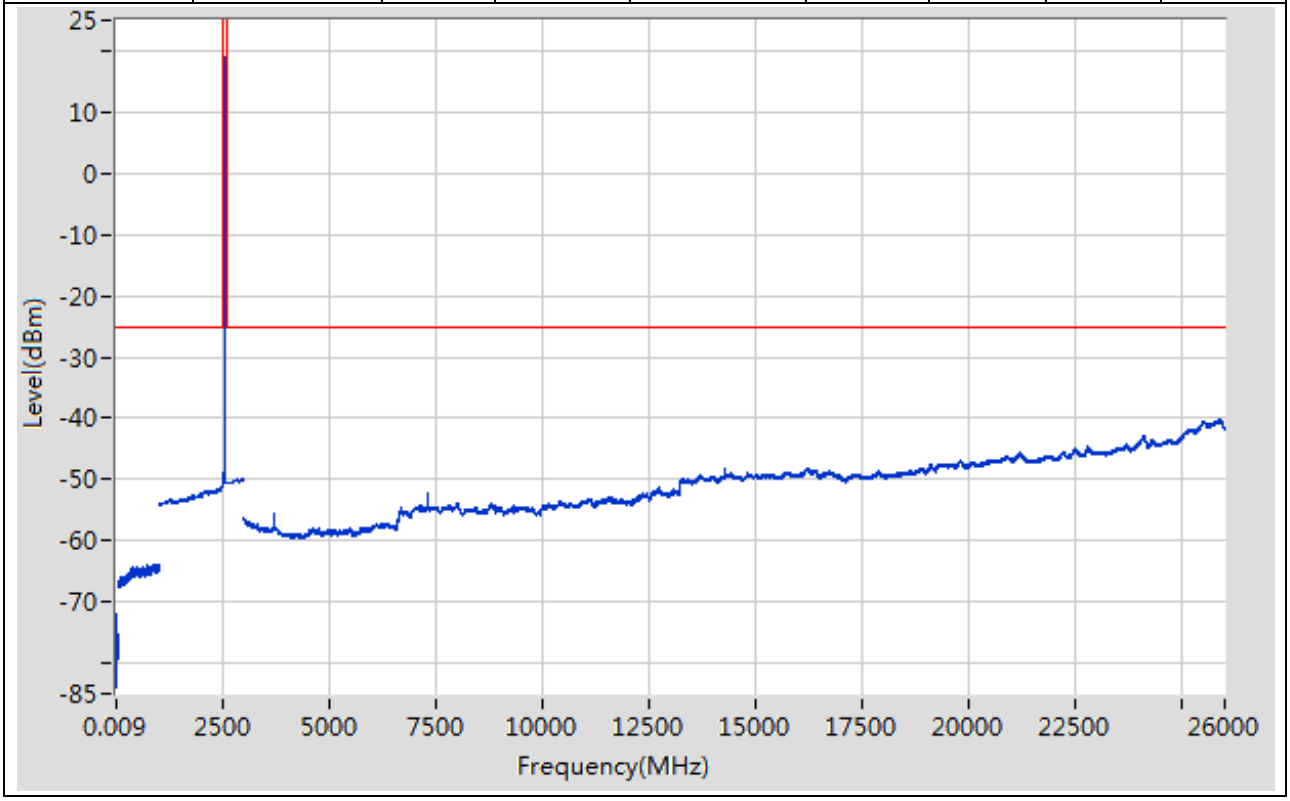
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -71.78 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.25 | -72.31 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 998.899 | -63.72 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2490 | -50.63 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2518.8 | 20.1 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2950.883 | -49.73 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11599.504 | -52.99 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25895.982 | -40.12 | -25 | Pass | 14000 |



## 19.3. CA_7C_20M+10M_P100@0+S50@0_Mid_QPSK

### 19.3.1. CA Spurious Emission at Antenna Terminals(NTNV)

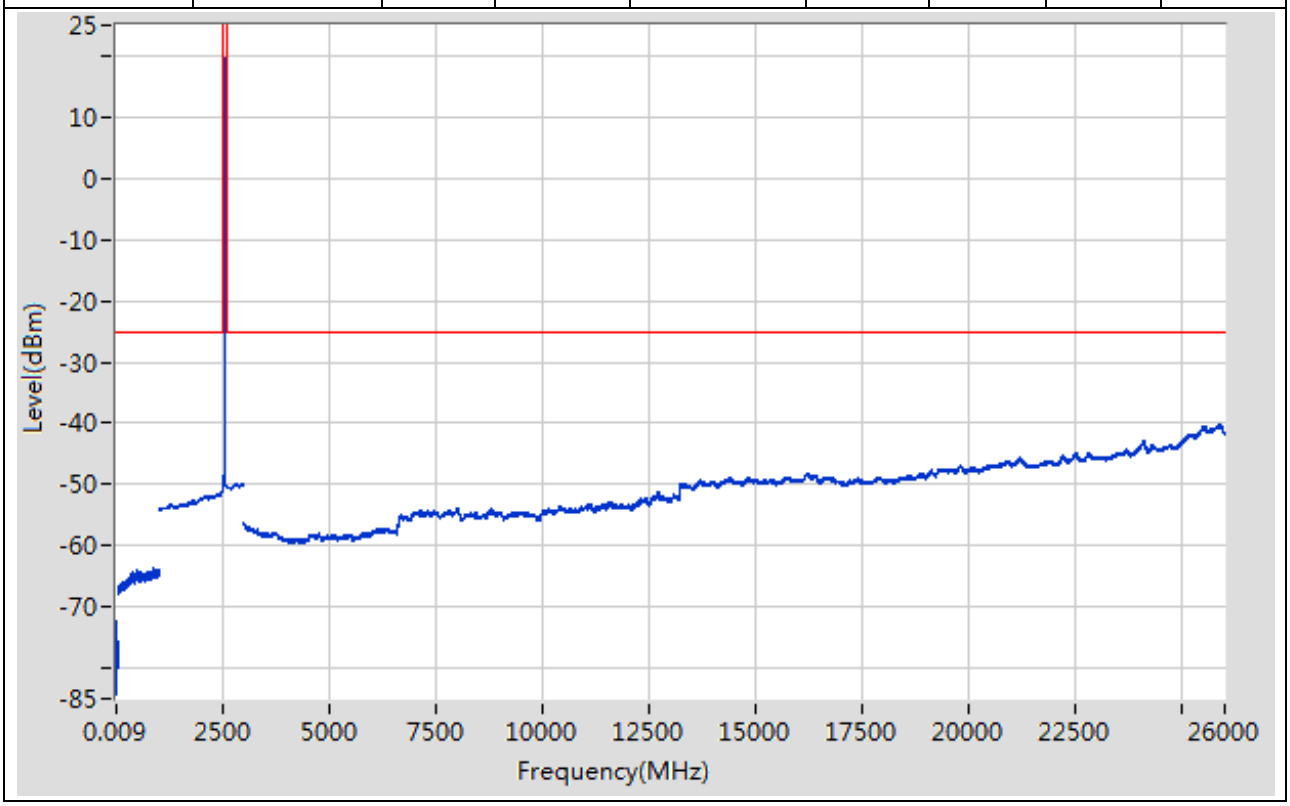
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -72.27 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.05 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 868.025 | -63.81 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2485.997 | -50.96 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2539.05 | 18.95 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2949.881 | -49.77 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 7298.525 | -52.36 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25869.978 | -40.2 | -25 | Pass | 14000 |



## 19.4. CA_7C_20M+10M_P1@99+S1@0_Mid_16QAM

### 19.4.1. CA Spurious Emission at Antenna Terminals(NTNV)

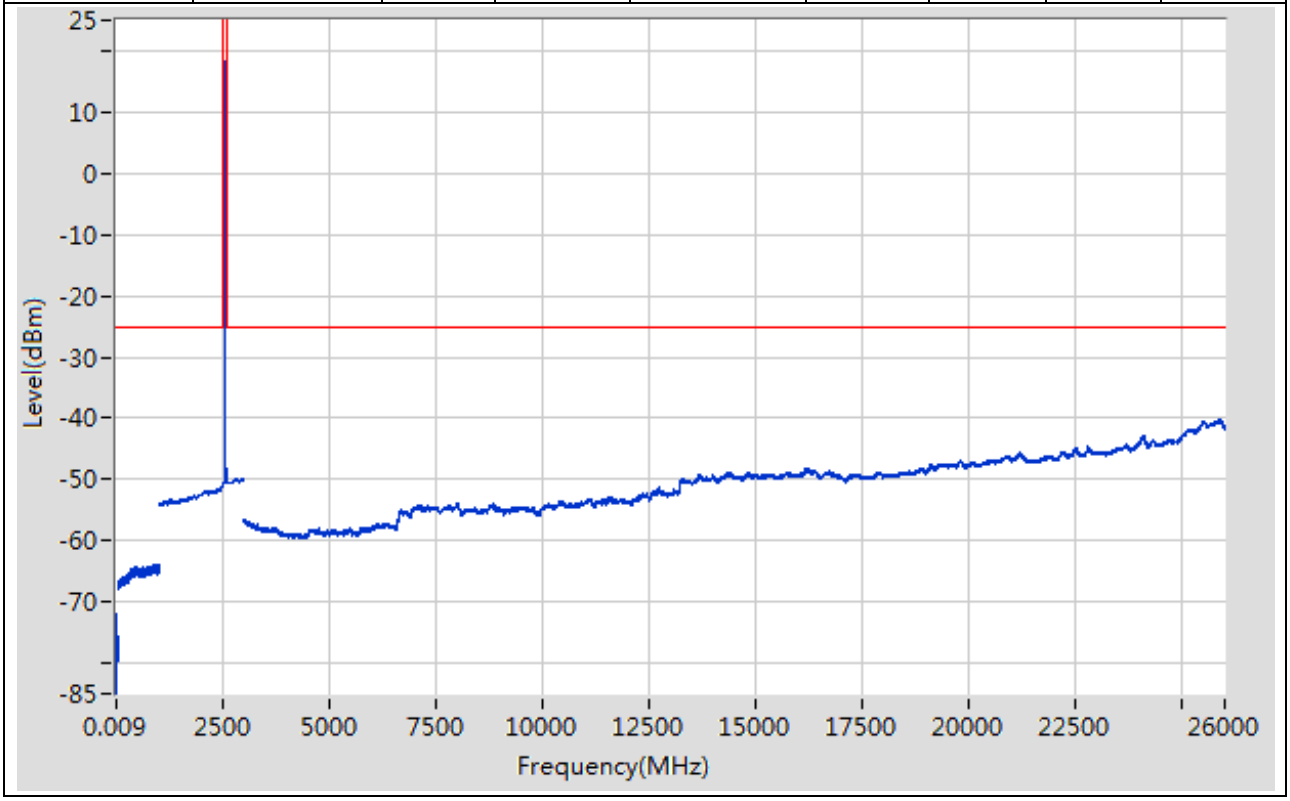
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.04 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.21 | -72.31 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 853.706 | -63.74 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.93 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2538.825 | 19.52 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2951.885 | -49.78 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.04 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25902.983 | -40.08 | -25 | Pass | 14000 |



## 19.5. CA_7C_20M+10M_P100@0+S50@0_High_QPSK

### 19.5.1. CA Spurious Emission at Antenna Terminals(NTNV)

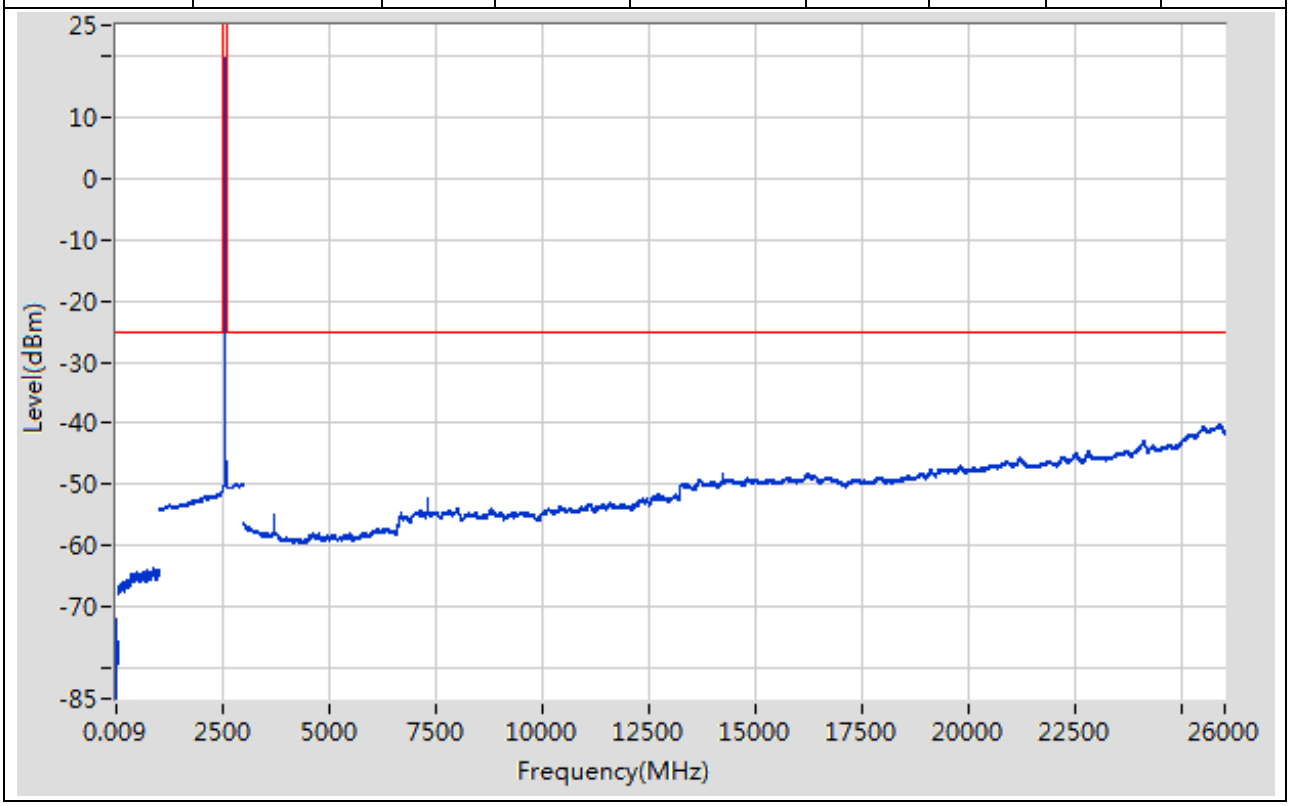
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -72.35 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.94 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 873.232 | -63.8 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2487.999 | -50.94 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2559.075 | 18.21 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2951.885 | -49.78 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11527.415 | -52.9 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25898.983 | -40.09 | -25 | Pass | 14000 |



## 19.6. CA_7C_20M+10M_P1@99+S1@0_High_16QAM

### 19.6.1. CA Spurious Emission at Antenna Terminals(NTNV)

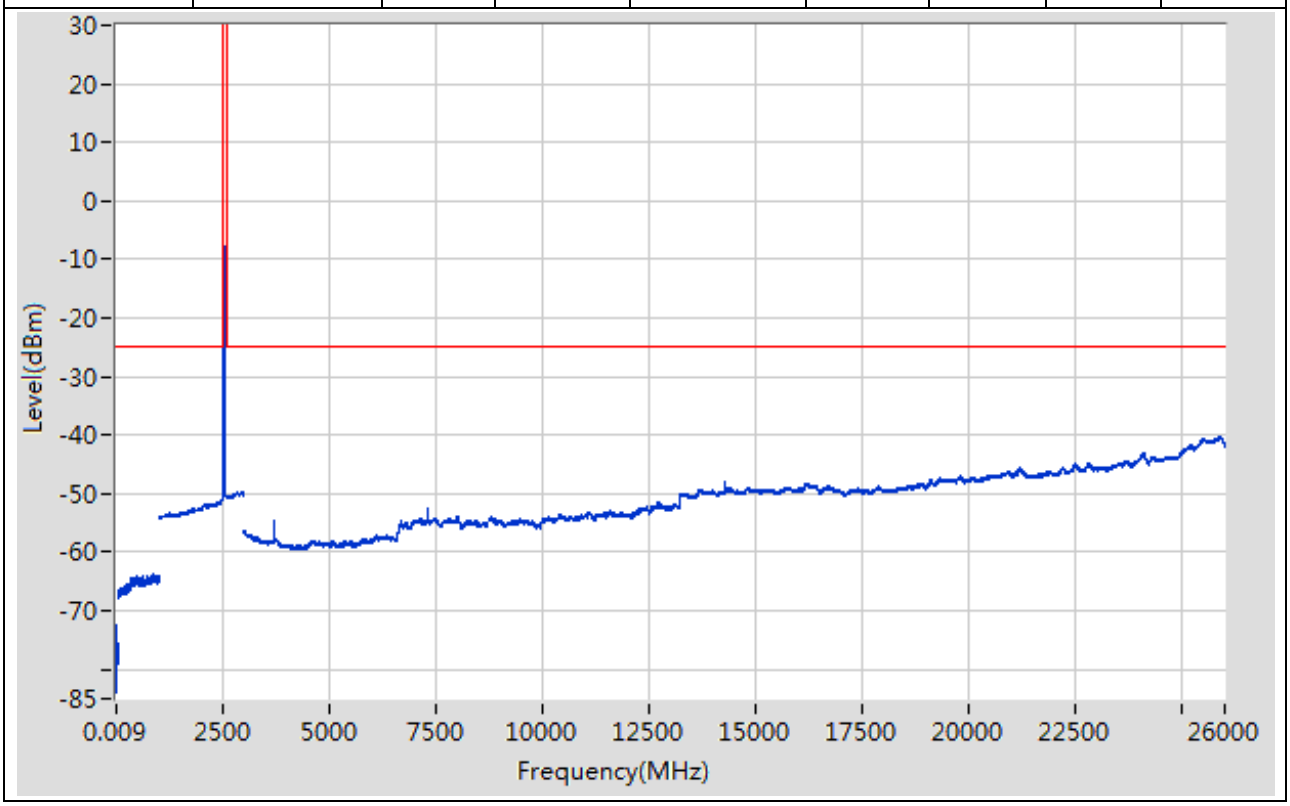
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.04 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -71.88 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 885.949 | -63.74 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.93 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2559.075 | 19.66 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2580 | -49.5 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 7286.523 | -52.26 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25885.98 | -40.11 | -25 | Pass | 14000 |



## 19.7. CA_7C_20M+20M_P1@99+S1@0_Low_QPSK

### 19.7.1. CA Spurious Emission at Antenna Terminals(NTNV)

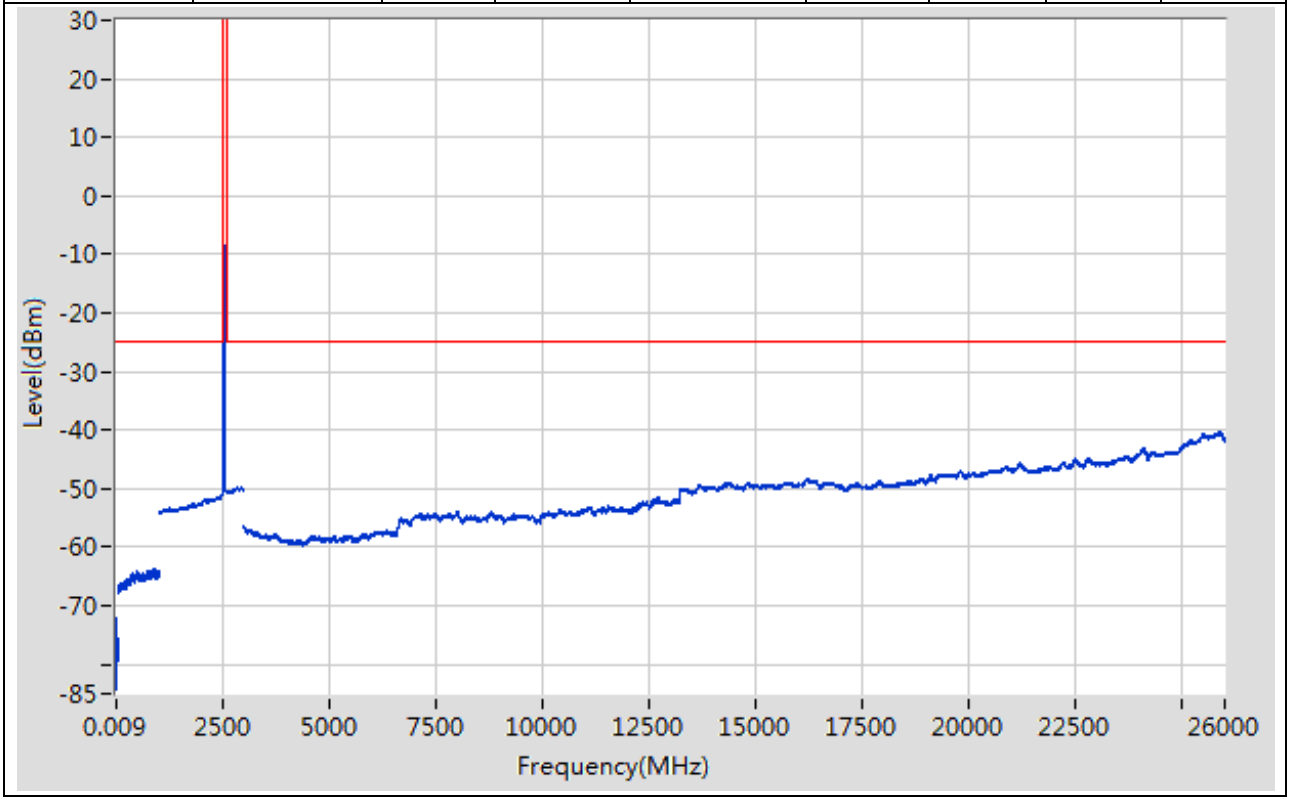
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.4 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.37 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 878.539 | -63.76 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.51 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2518.8 | 20.94 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2948.878 | -49.74 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 7315.527 | -52.41 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25900.983 | -40.09 | -25 | Pass | 14000 |



## 19.8. CA_7C_20M+20M_P1@99+S1@0_Low_16QAM

### 19.8.1. CA Spurious Emission at Antenna Terminals(NTNV)

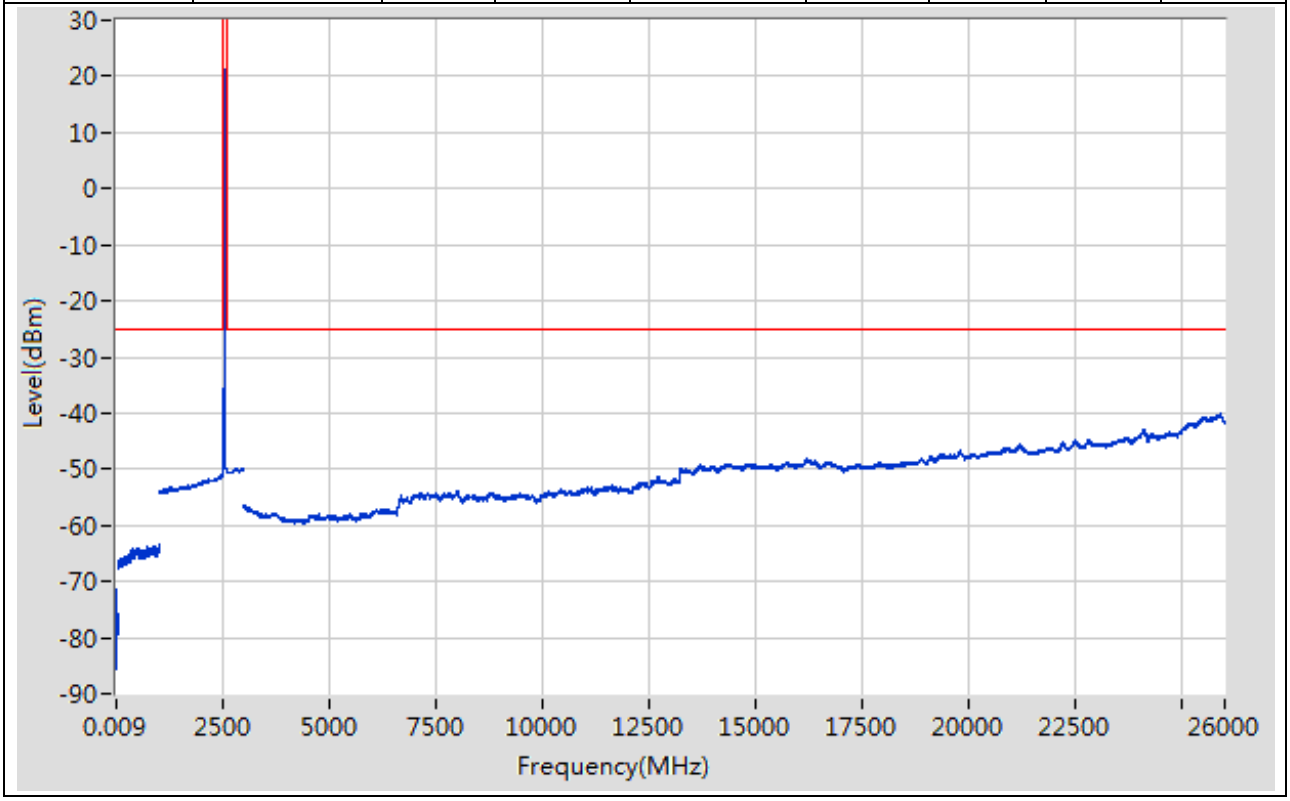
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -71.97 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.28 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 875.034 | -63.63 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2490 | -50.49 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2518.8 | 20.62 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2948.878 | -49.71 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11520.406 | -53.02 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25876.979 | -40.15 | -25 | Pass | 14000 |



## 19.9. CA_7C_20M+20M_P1@99+S1@0_Mid_QPSK

### 19.9.1. CA Spurious Emission at Antenna Terminals(NTNV)

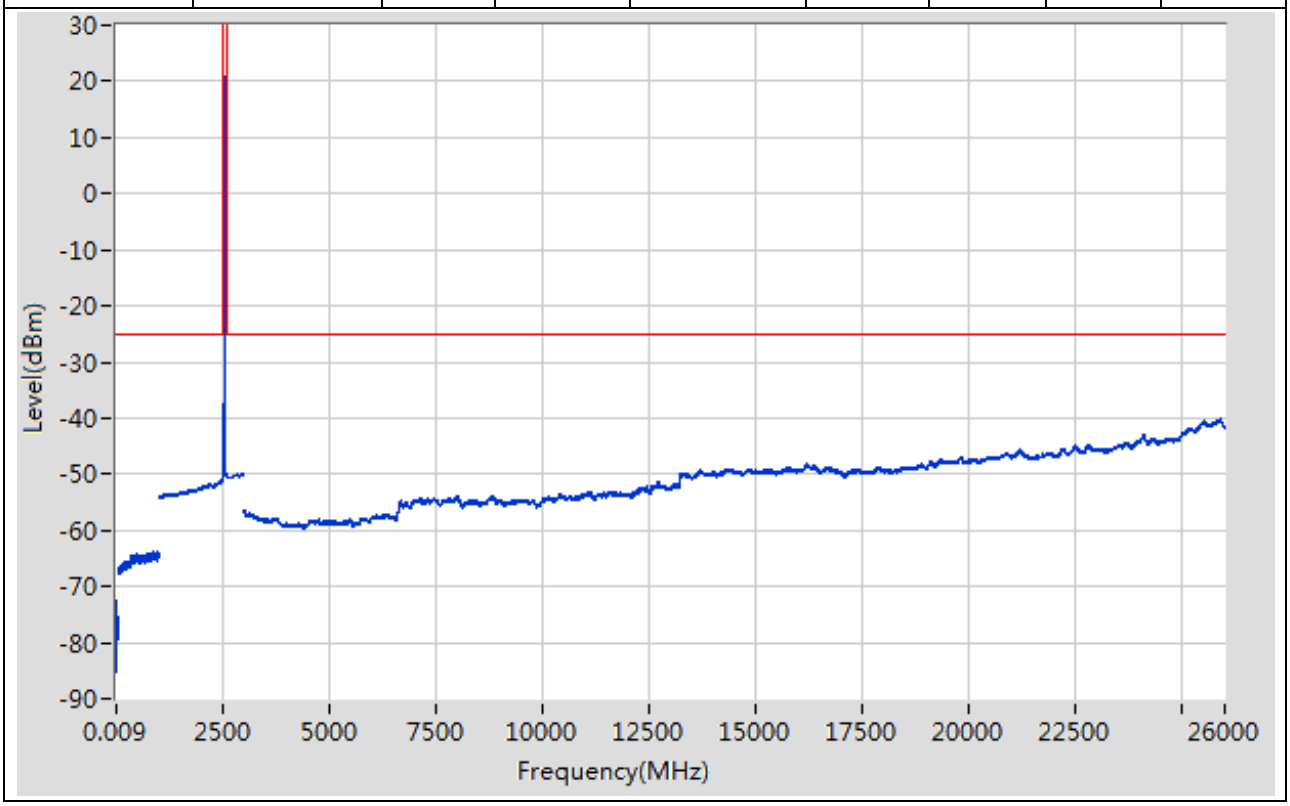
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -71.52 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -71.47 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 991.389 | -63.55 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.85 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2535.9 | 21.19 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2950.883 | -49.8 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11609.517 | -52.97 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25897.982 | -40.14 | -25 | Pass | 14000 |



## 19.10. CA_7C_20M+20M_P1@99+S1@0_Mid_16QAM

### 19.10.1. CA Spurious Emission at Antenna Terminals(NTNV)

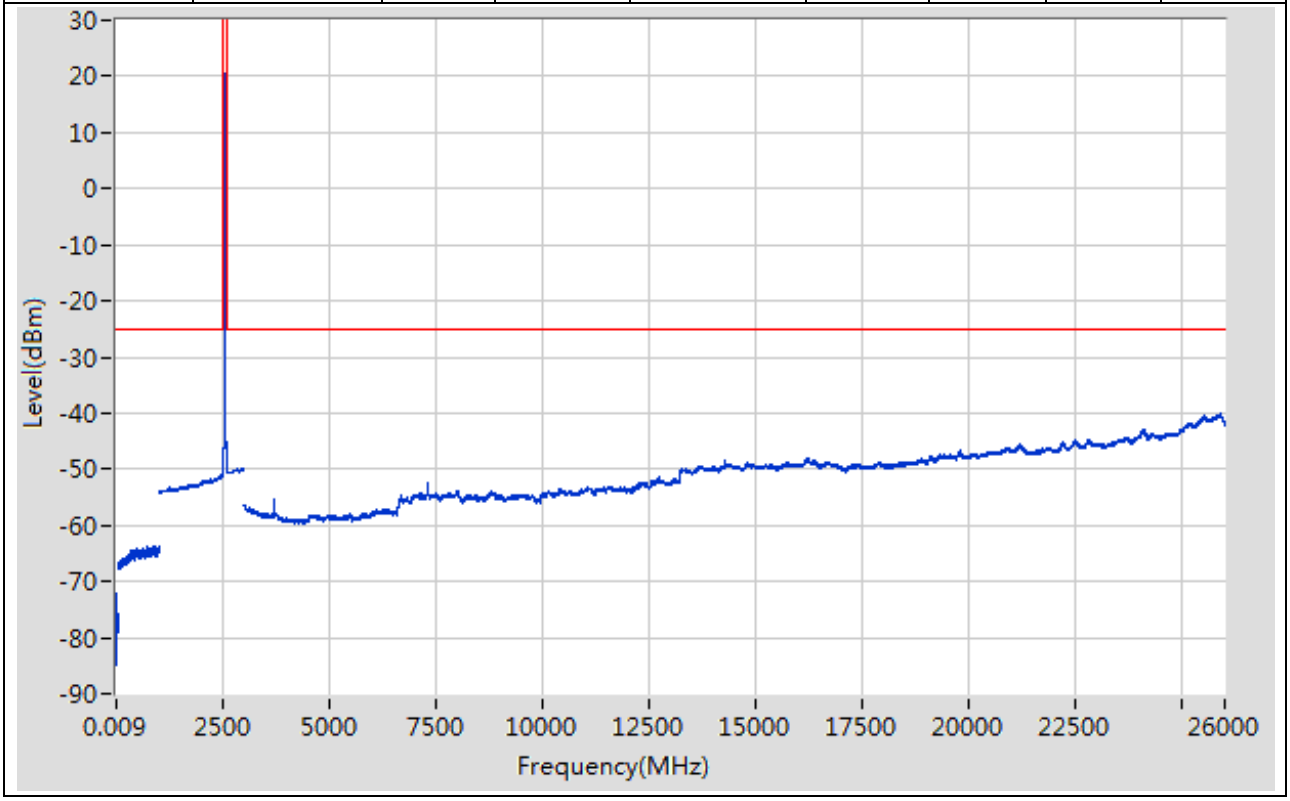
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.42 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.38 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 971.562 | -63.83 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2485.997 | -50.93 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2533.875 | 20.72 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2945.871 | -49.76 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11602.508 | -52.98 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25888.981 | -40.13 | -25 | Pass | 14000 |



## 19.11. CA_7C_20M+20M_P1@99+S1@99_High_QPSK

### 19.11.1. CA Spurious Emission at Antenna Terminals(NTNV)

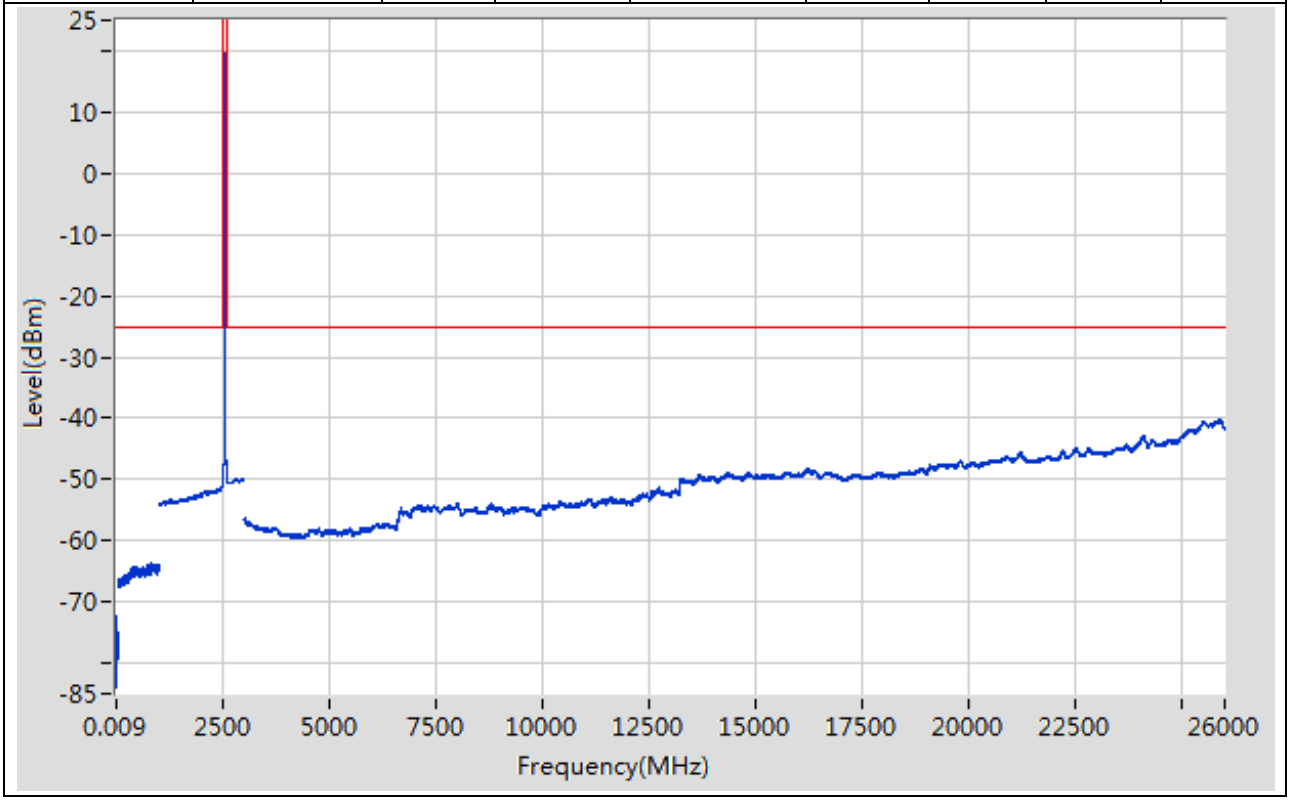
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.13 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.42 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 869.126 | -63.83 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.84 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2548.95 | 20.55 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2580 | -49.48 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 7291.524 | -52.45 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25904.984 | -40.15 | -25 | Pass | 14000 |



## 19.12. CA_7C_20M+20M_P1@99+S1@99_High_16QAM

### 19.12.1. CA Spurious Emission at Antenna Terminals(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.14 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.36 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 840.399 | -63.76 | -25 | Pass | 9699 |
| 1000 | 2490 | 1 | RMS | 2488.999 | -50.86 | -25 | Pass | 1490 |
| 2490 | 2580 | 1 | RMS | 2550.975 | 19.78 | 60 | Pass | 401 |
| 2580 | 3000 | 1 | RMS | 2948.878 | -49.74 | -25 | Pass | 420 |
| 3000 | 12000 | 1 | RMS | 11604.511 | -52.96 | -25 | Pass | 9000 |
| 12000 | 26000 | 1 | RMS | 25882.98 | -40.15 | -25 | Pass | 14000 |

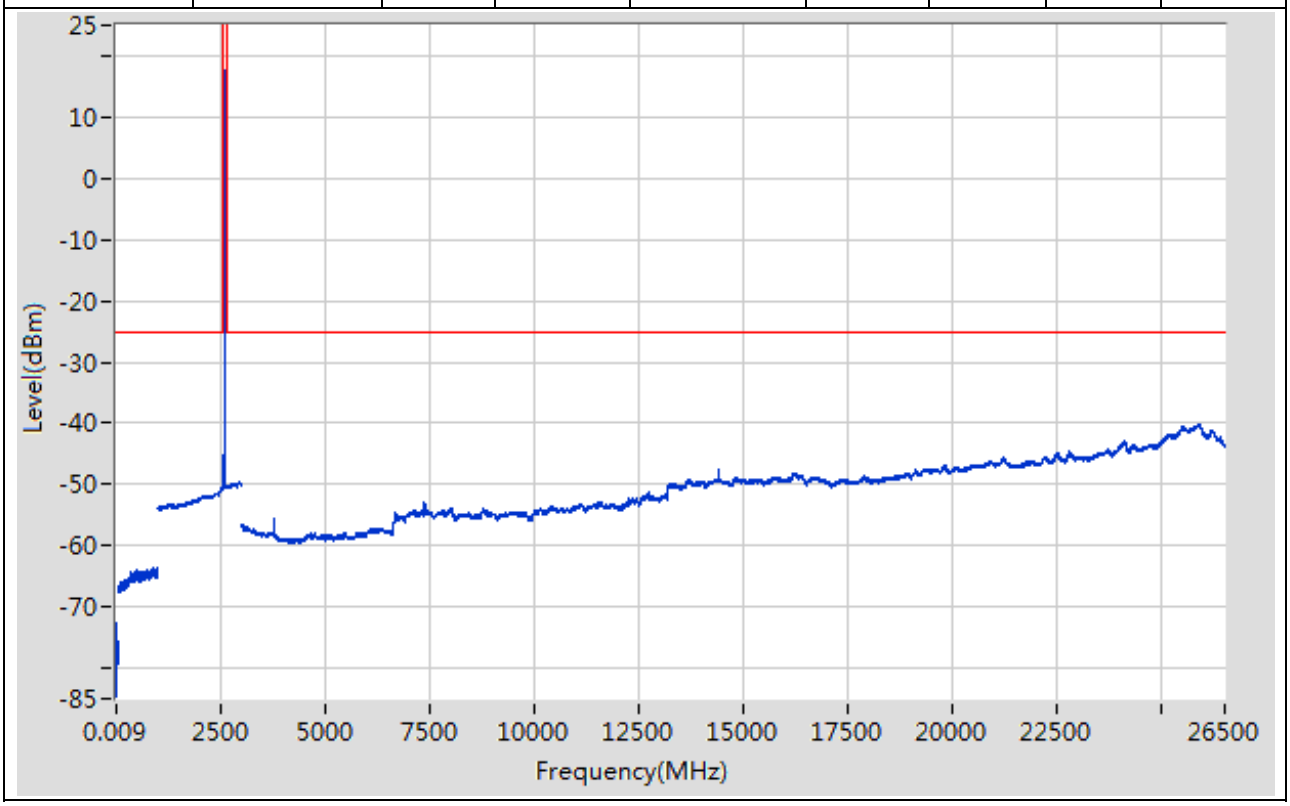


# 20. CA_38C

## 20.1. CA_38C_15M+15M_P1@74+S1@0_Low_QPSK

### 20.1.1. CA Spurious Emission at Antenna Terminals(NTNV)

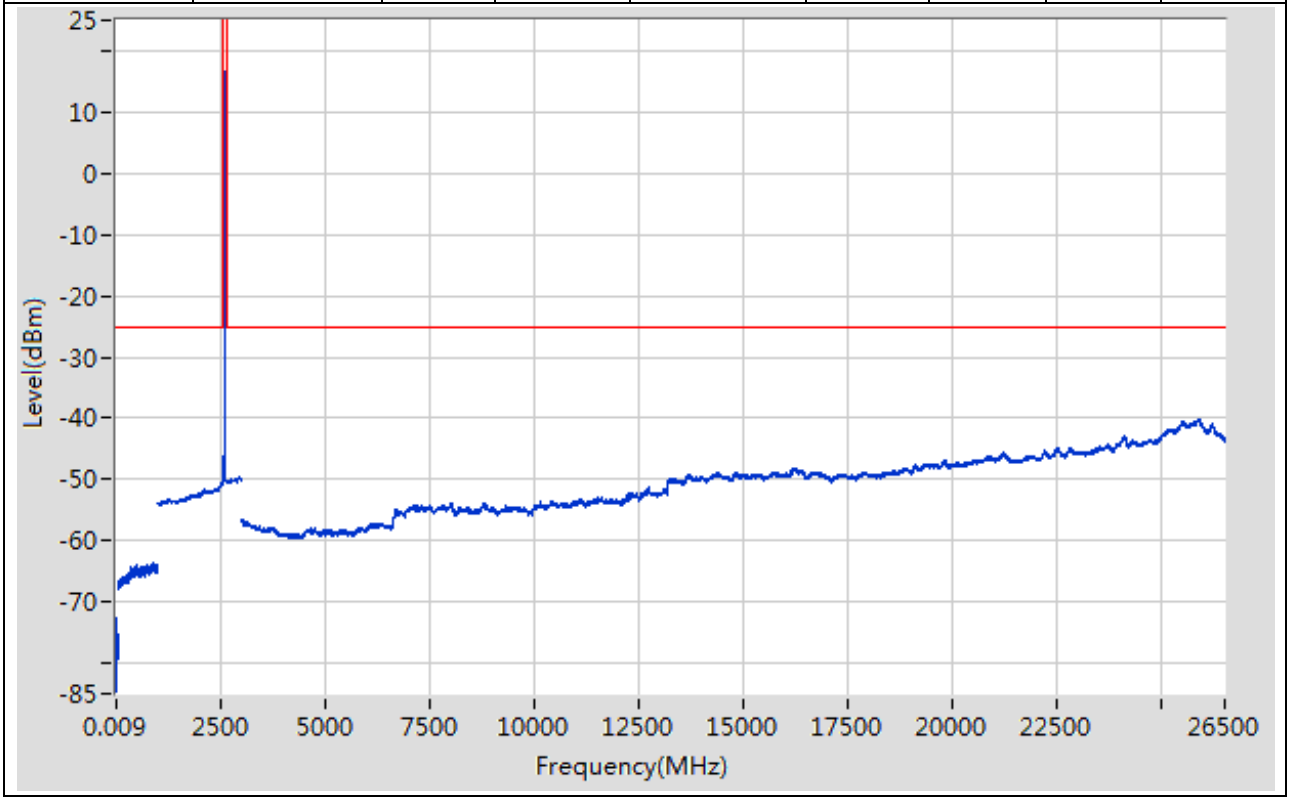
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.014 | -72.78 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -72.73 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 961.549 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2560 | -50.04 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2584.15 | 17.51 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2951.9 | -49.73 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7371.534 | -52.82 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25899.905 | -40.12 | -25 | Pass | 14500 |



## 20.2. CA_38C_15M+15M_P1@74+S1@0_Low_16QAM

### 20.2.1. CA Spurious Emission at Antenna Terminals(NTNV)

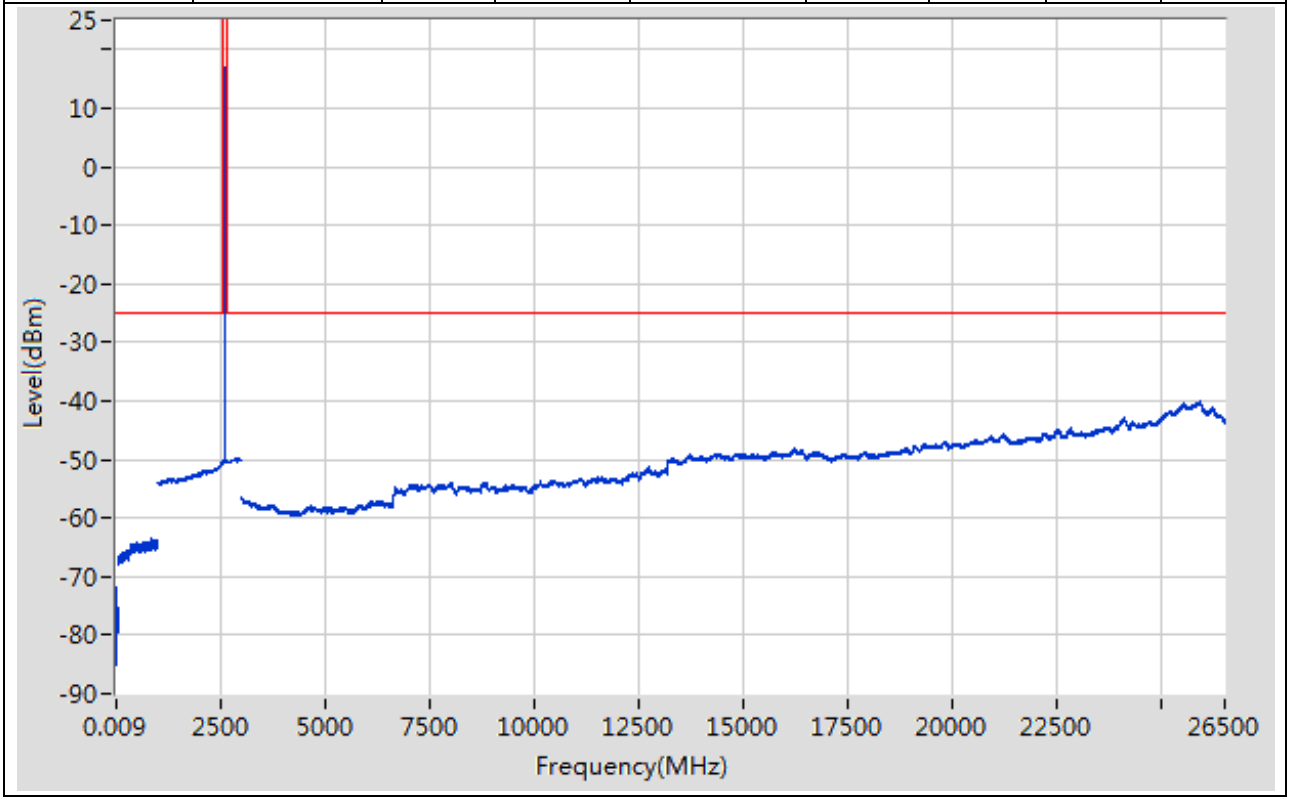
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.73 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.3 | -72.56 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 876.737 | -63.57 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2558.999 | -49.57 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2585.725 | 16.52 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2948.2 | -49.71 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11515.4 | -52.94 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25882.902 | -40.07 | -25 | Pass | 14500 |



## 20.3. CA_38C_15M+15M_P1@74+S1@0_Mid_QPSK

### 20.3.1. CA Spurious Emission at Antenna Terminals(NTNV)

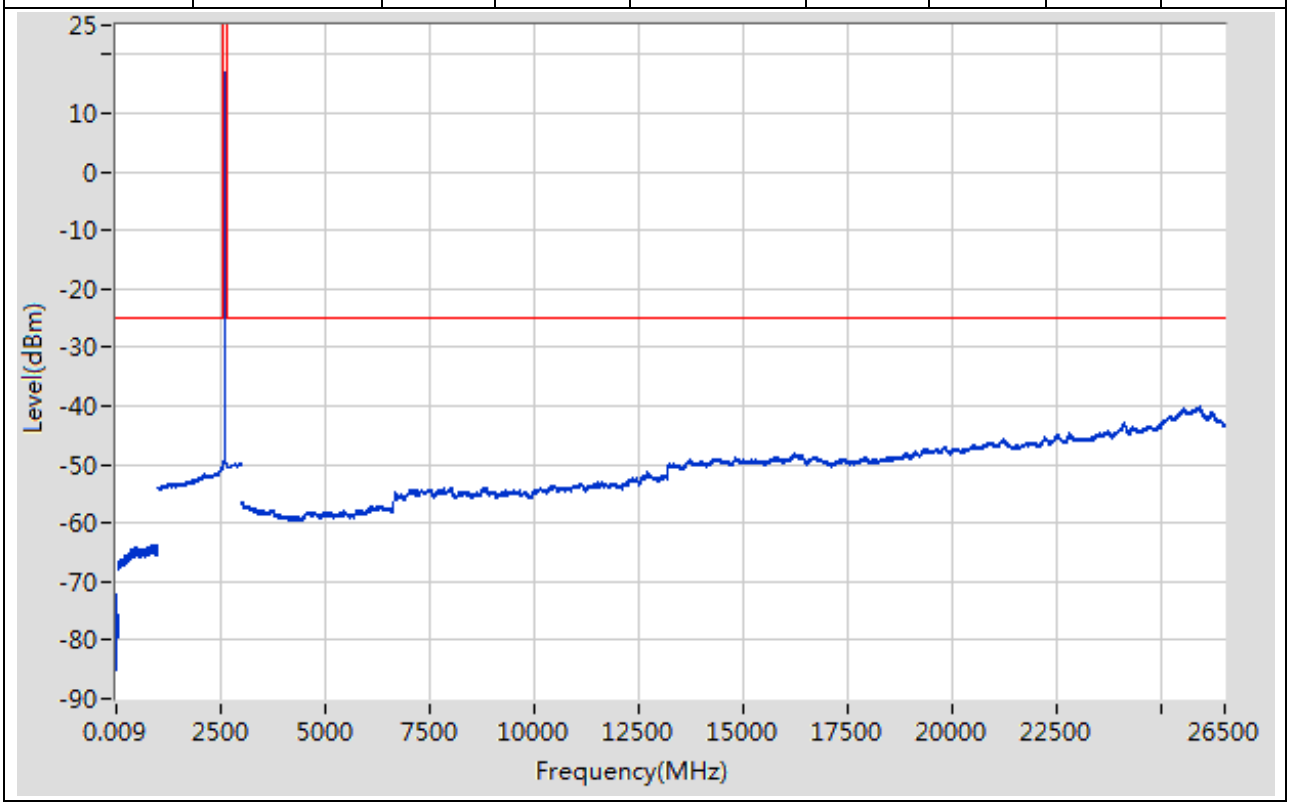
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -71.78 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.44 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 852.304 | -63.5 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2551.995 | -50.35 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2595.7 | 17.02 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2950.05 | -49.76 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11601.507 | -53.02 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25888.903 | -40.06 | -25 | Pass | 14500 |



## 20.4. CA_38C_15M+15M_P1@74+S1@0_Mid_16QAM

### 20.4.1. CA Spurious Emission at Antenna Terminals(NTNV)

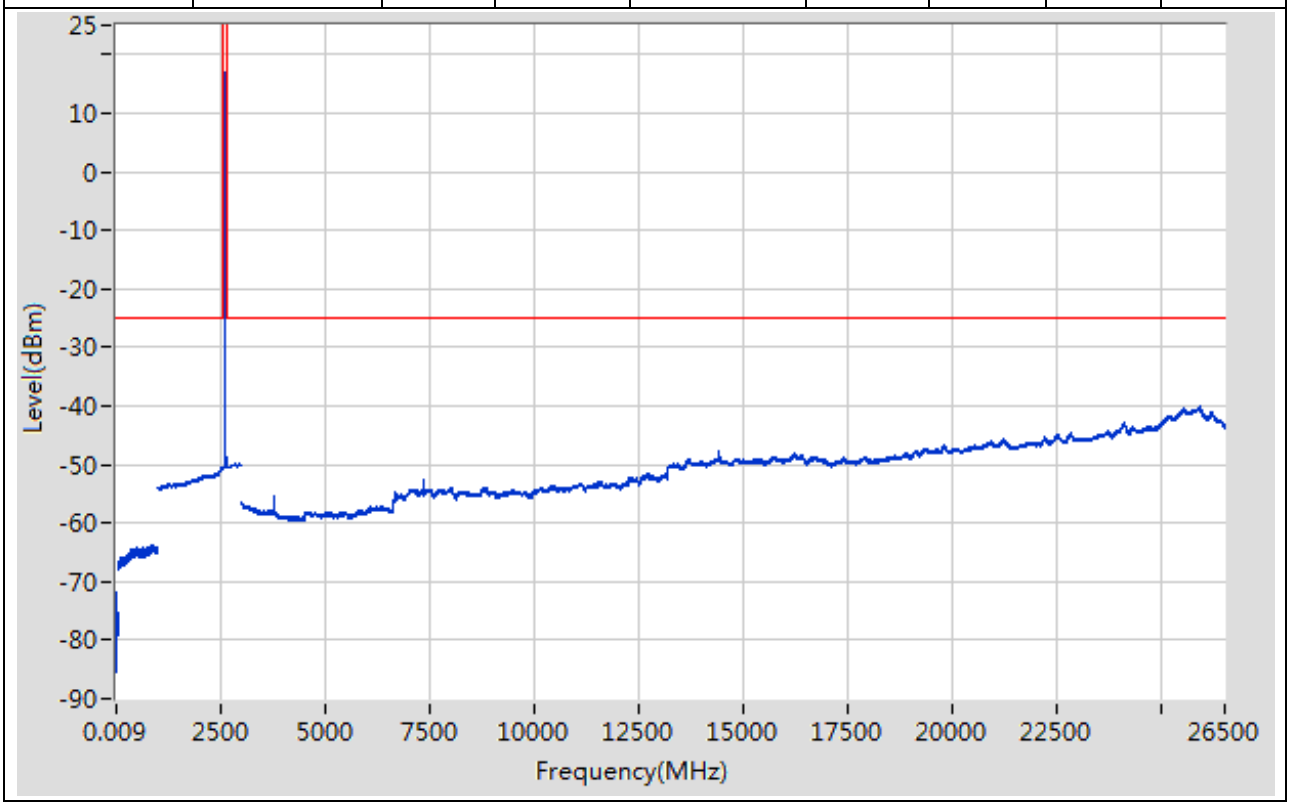
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.68 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 900.468 | -63.72 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2560 | -50.3 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2595.7 | 16.86 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2947.275 | -49.73 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11604.511 | -52.98 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25892.904 | -40.14 | -25 | Pass | 14500 |



## 20.5. CA_38C_15M+15M_P1@74+S1@0_High_QPSK

### 20.5.1. CA Spurious Emission at Antenna Terminals(NTNV)

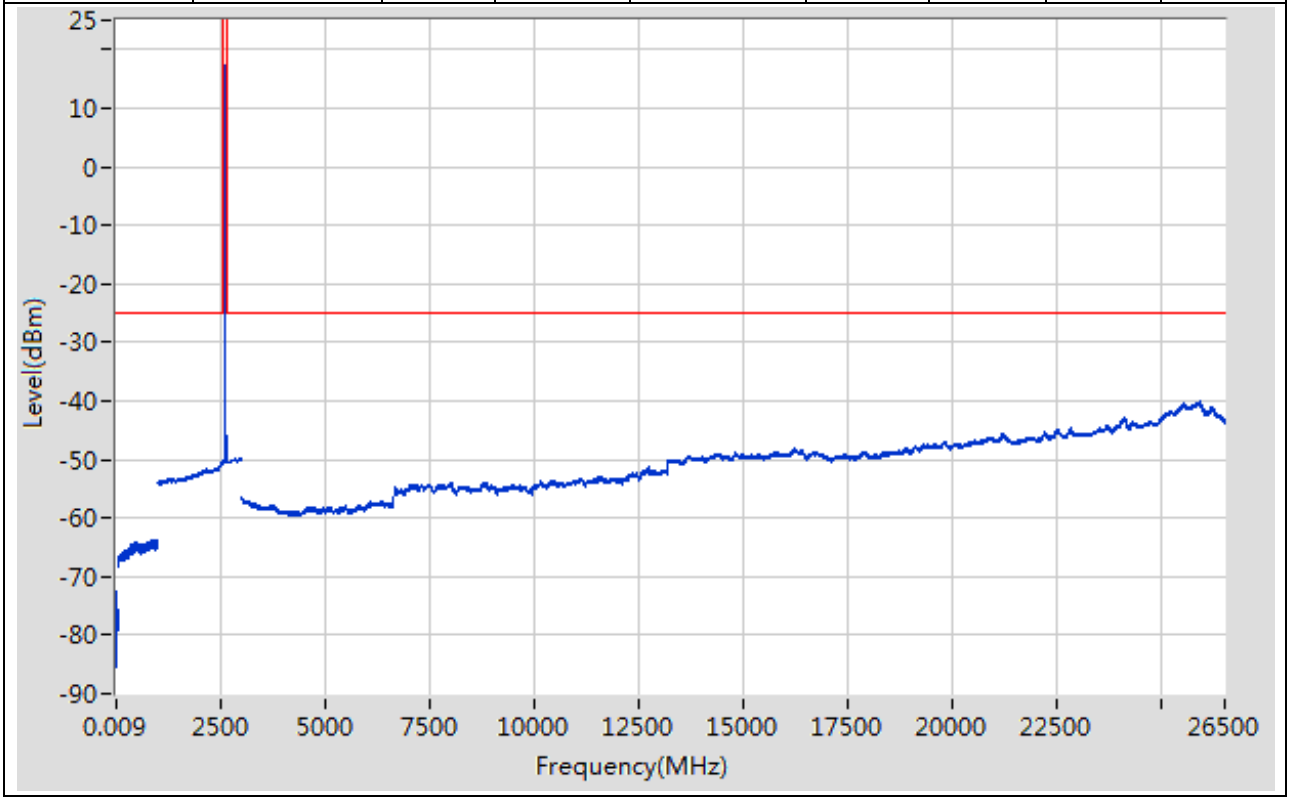
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -71.9 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.44 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 843.999 | -63.82 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2560 | -50.44 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2604.1 | 16.79 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2947.275 | -49.72 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7370.534 | -52.76 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25897.905 | -40.16 | -25 | Pass | 14500 |



## 20.6. CA_38C_15M+15M_P1@74+S1@0_High_16QAM

### 20.6.1. CA Spurious Emission at Antenna Terminals(NTNV)

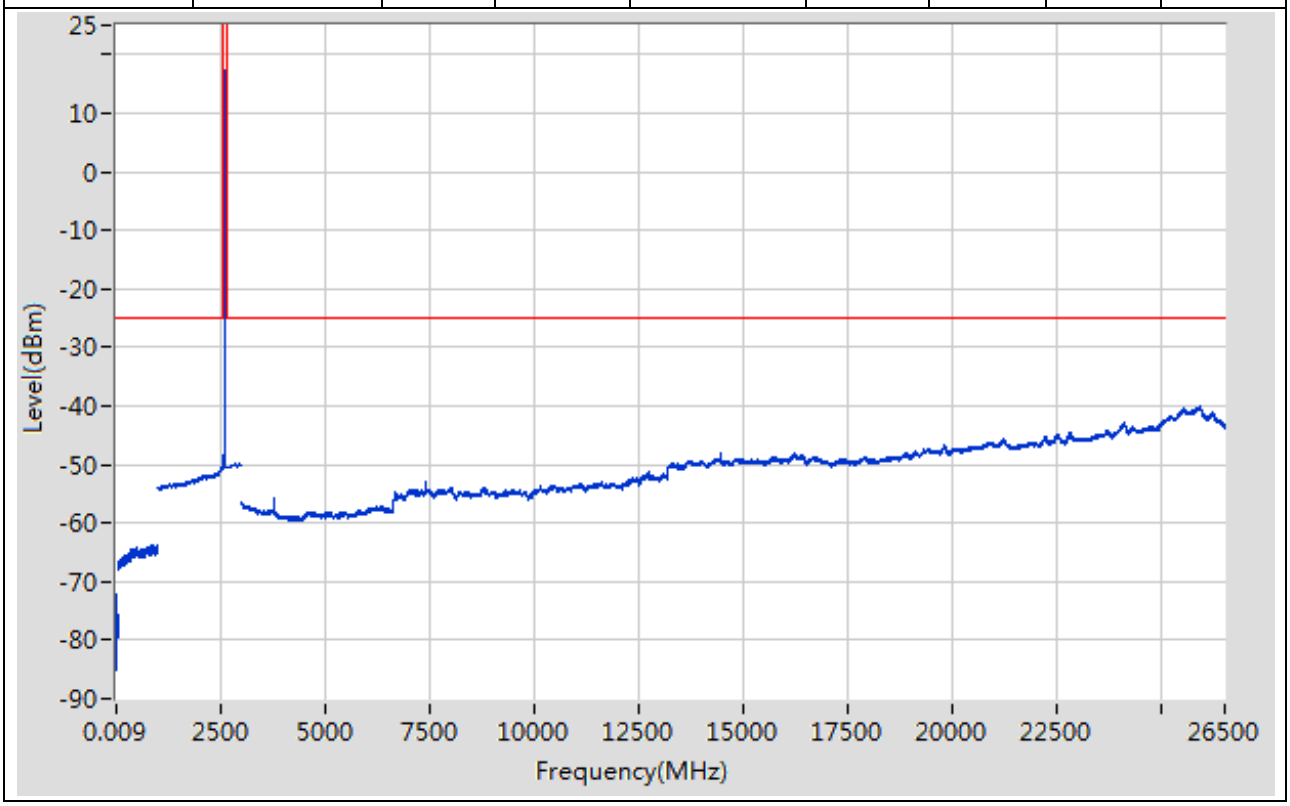
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.57 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.38 | -72.68 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 877.037 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2558.999 | -50.43 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2605.675 | 17.29 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2630.925 | -49.63 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11519.405 | -52.99 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25897.905 | -40.11 | -25 | Pass | 14500 |



## 20.7. CA_38C_20M+20M_P1@99+S1@0_Low_QPSK

### 20.7.1. CA Spurious Emission at Antenna Terminals(NTNV)

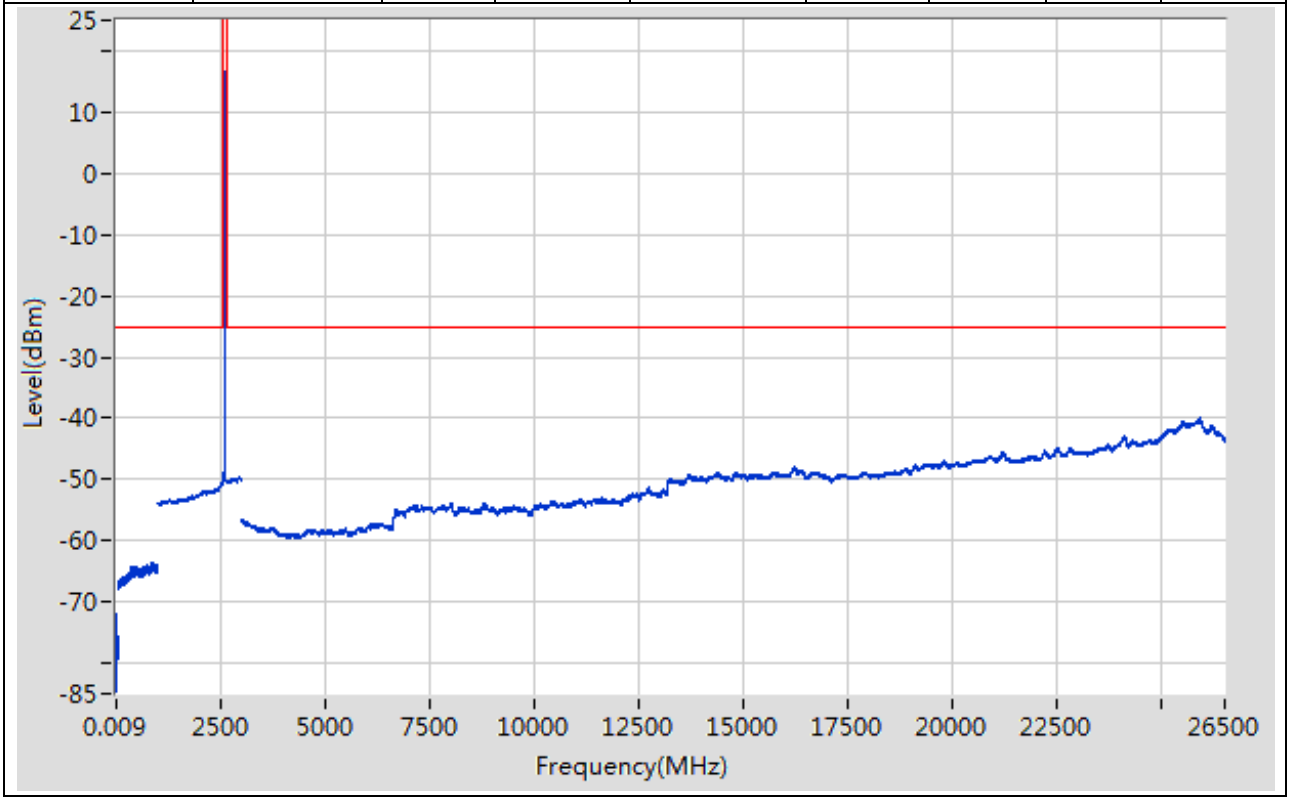
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.84 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.12 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 899.567 | -63.72 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2554.997 | -50.32 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2588.875 | 17.39 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2950.975 | -49.78 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7391.536 | -52.81 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25908.906 | -40.15 | -25 | Pass | 14500 |



## 20.8. CA_38C_20M+20M_P1@99+S1@0_Low_16QAM

### 20.8.1. CA Spurious Emission at Antenna Terminals(NTNV)

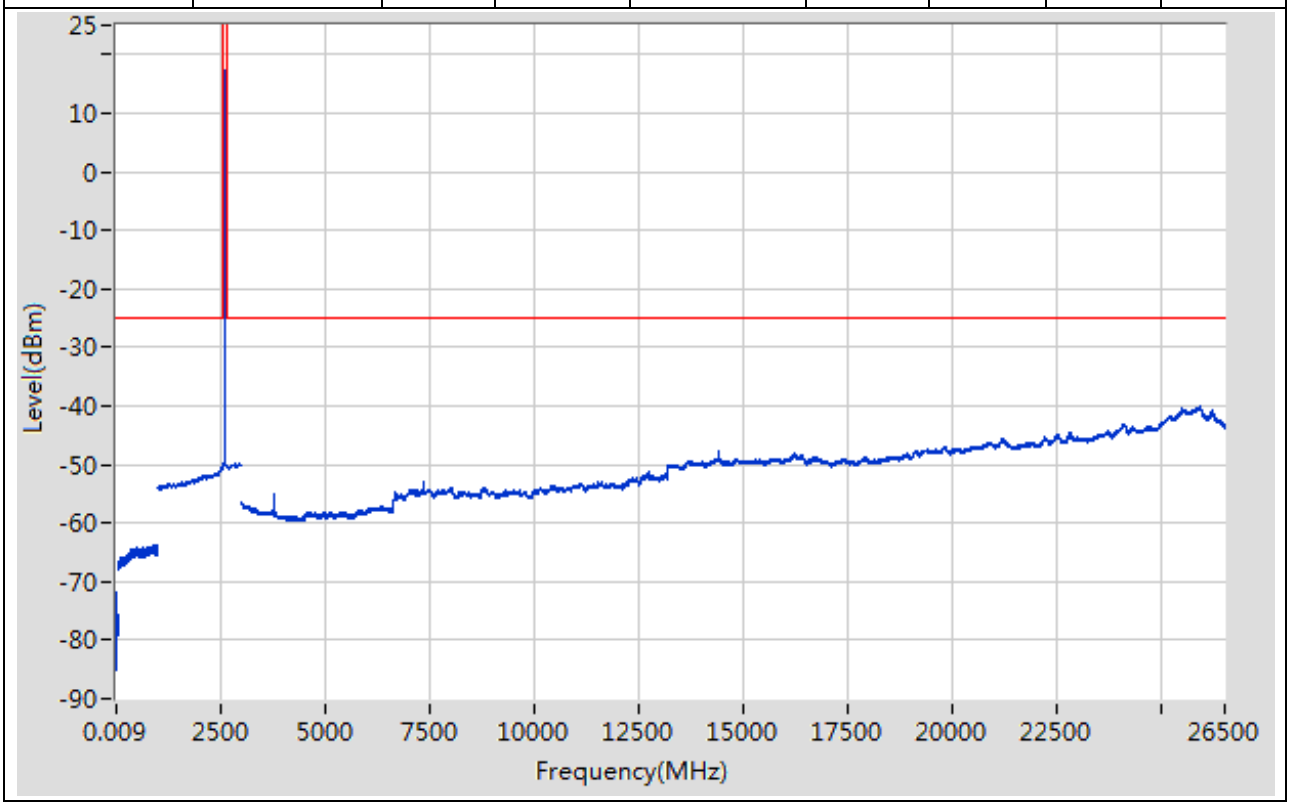
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.24 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.17 | -71.85 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 855.308 | -63.7 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2558.999 | -50.16 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2590.8 | 16.68 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2949.125 | -49.71 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11606.513 | -53.01 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25888.903 | -40.02 | -25 | Pass | 14500 |



## 20.9. CA_38C_20M+20M_P1@99+S1@0_Mid_QPSK

### 20.9.1. CA Spurious Emission at Antenna Terminals(NTNV)

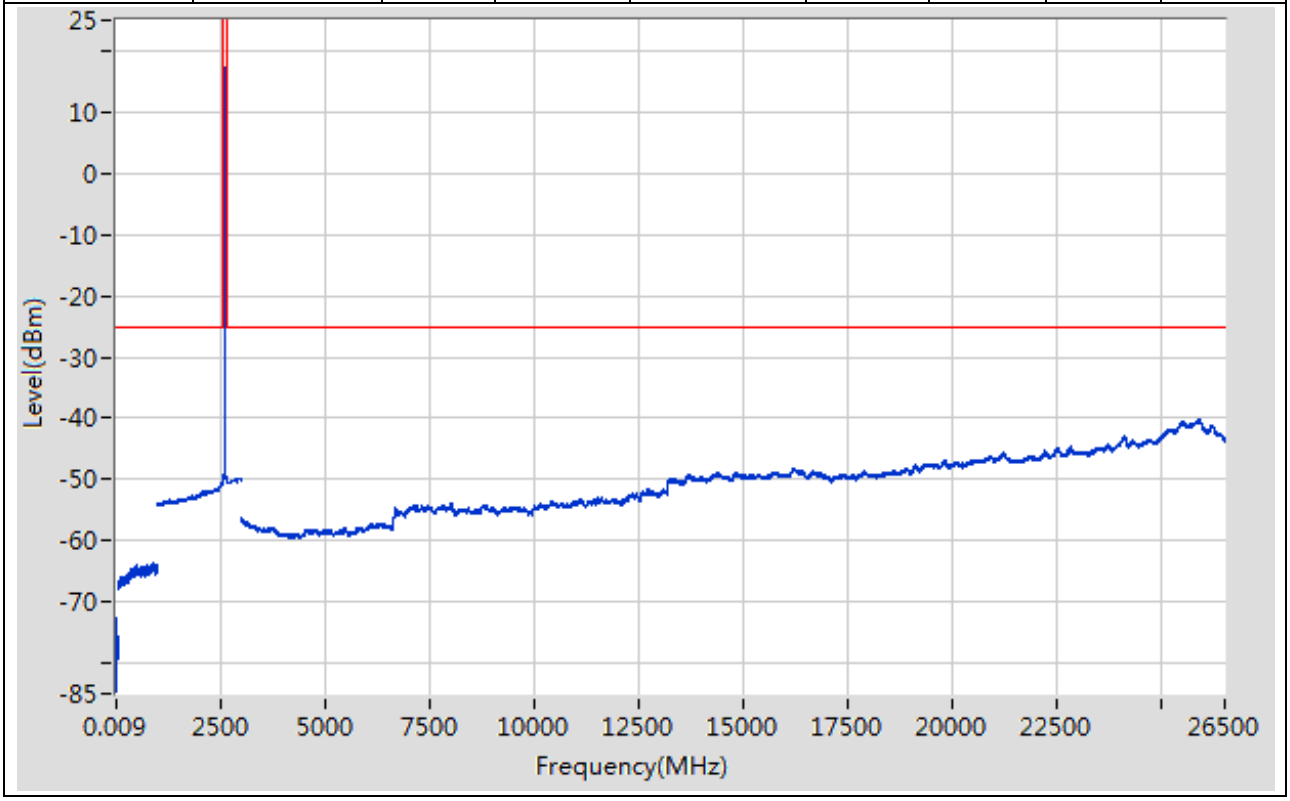
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -71.85 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -72.6 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 990.387 | -63.87 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2557.999 | -50.47 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2593.95 | 17.16 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2949.125 | -49.77 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7364.533 | -52.94 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25899.905 | -40.14 | -25 | Pass | 14500 |



## 20.10. CA_38C_20M+20M_P1@99+S1@0_Mid_16QAM

### 20.10.1. CA Spurious Emission at Antenna Terminals(NTNV)

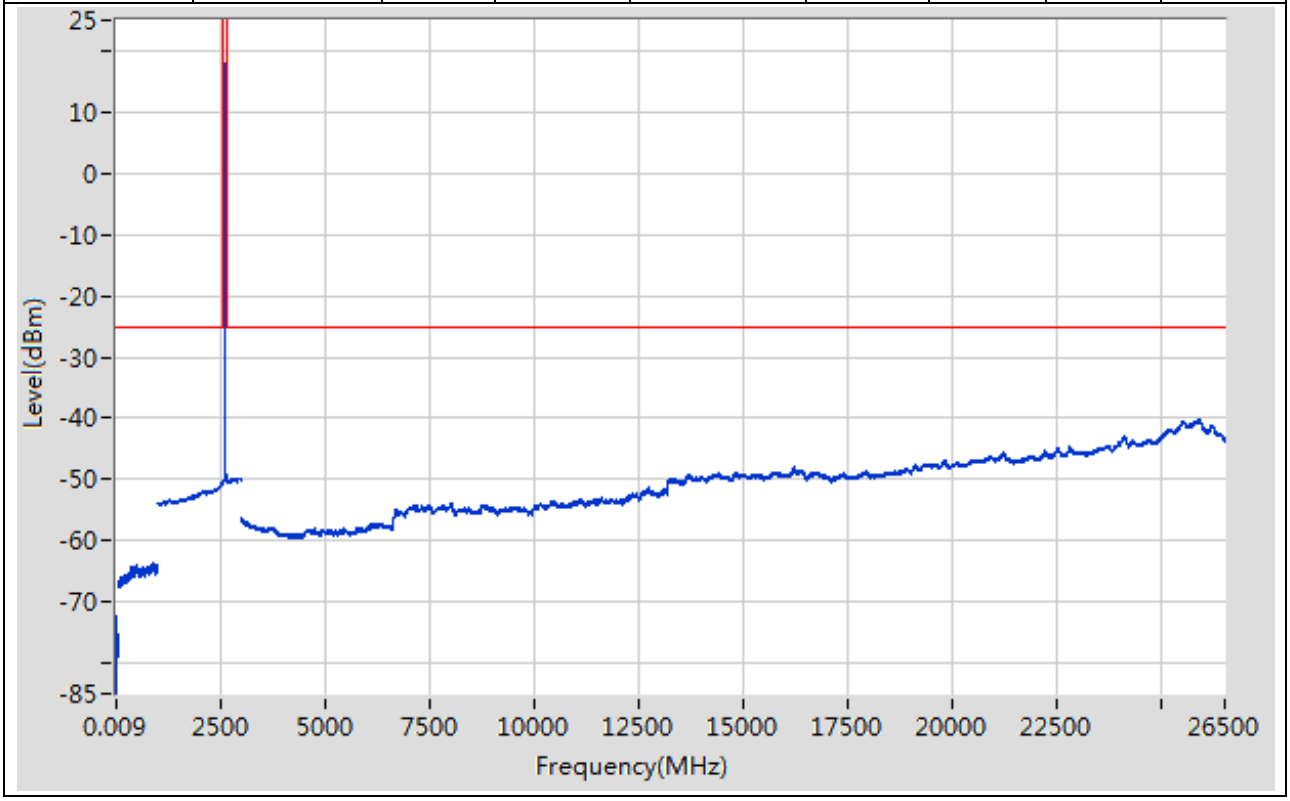
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.52 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.69 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 884.447 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2560 | -50.21 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2593.95 | 17.27 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2946.35 | -49.77 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11520.406 | -52.98 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25898.905 | -40.14 | -25 | Pass | 14500 |



## 20.11. CA_38C_20M+20M_P1@99+S1@0_High_QPSK

### 20.11.1. CA Spurious Emission at Antenna Terminals(NTNV)

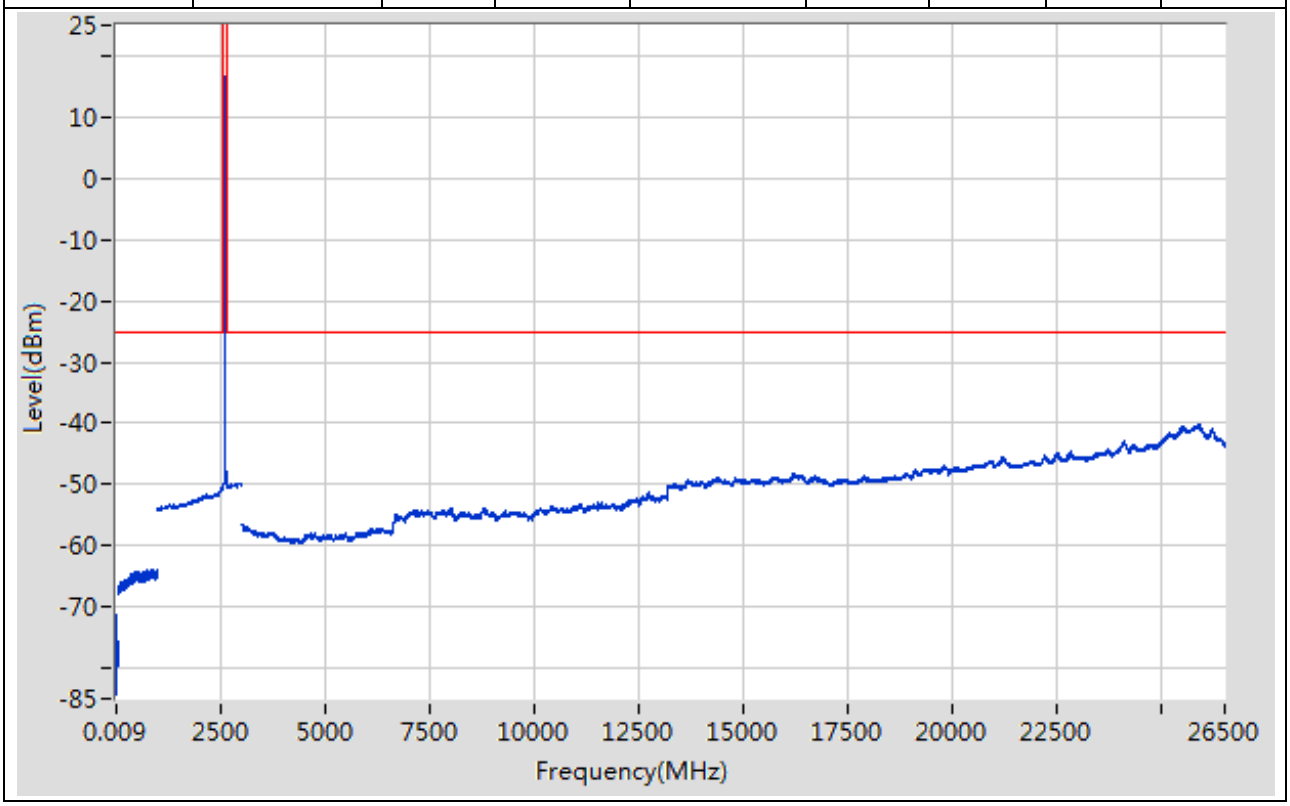
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.76 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.27 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 876.436 | -63.76 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2554.997 | -50.44 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2599.025 | 17.94 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2950.975 | -49.75 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11601.507 | -53.01 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25898.905 | -40.15 | -25 | Pass | 14500 |



## 20.12. CA_38C_20M+20M_P1@99+S1@0_High_16QAM

### 20.12.1. CA Spurious Emission at Antenna Terminals(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.4 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -71.25 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 995.093 | -63.78 | -25 | Pass | 9699 |
| 1000 | 2560 | 1 | RMS | 2558.999 | -50.34 | -25 | Pass | 1560 |
| 2560 | 2630 | 1 | RMS | 2601.125 | 16.67 | 60 | Pass | 401 |
| 2630 | 3000 | 1 | RMS | 2950.05 | -49.74 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11601.507 | -53.04 | -25 | Pass | 9000 |
| 12000 | 26500 | 1 | RMS | 25879.902 | -40.12 | -25 | Pass | 14500 |

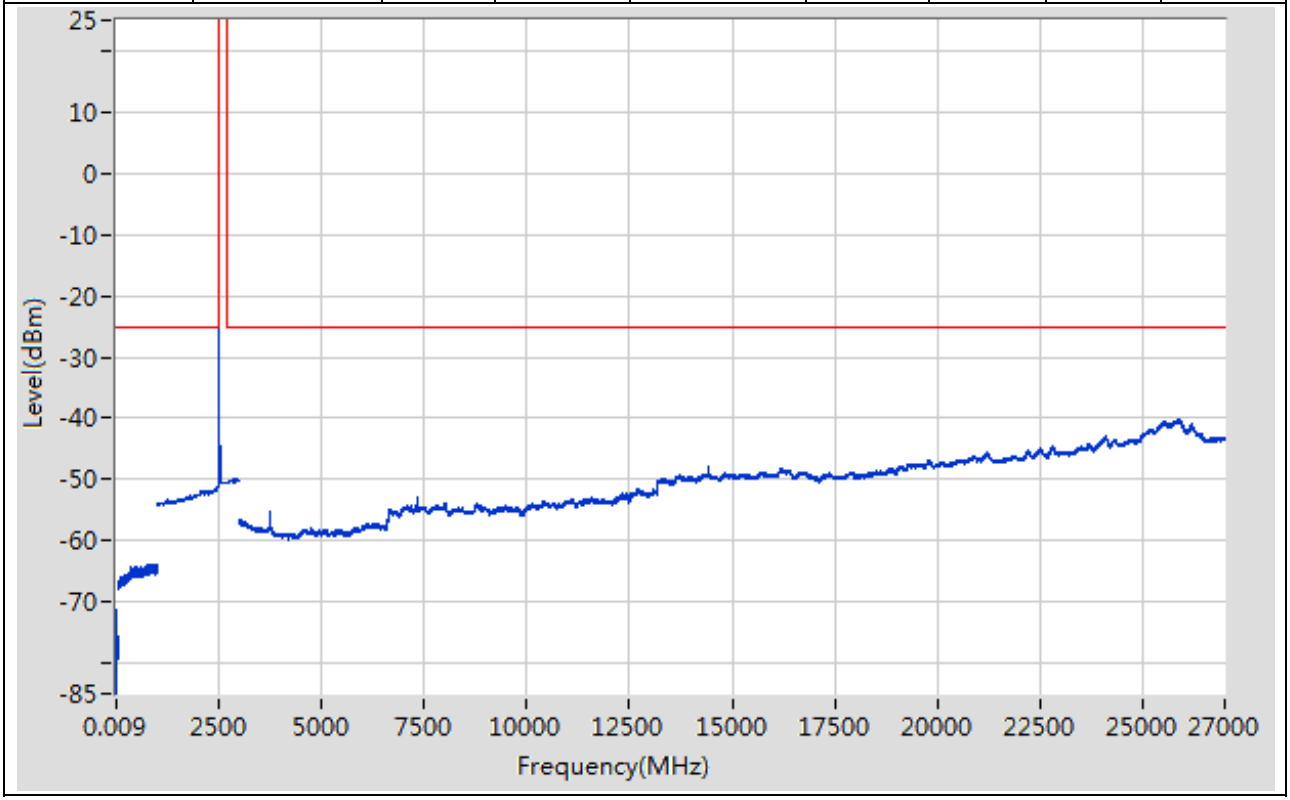


# 21. CA_41C

## 21.1. CA_41C_20M+5M_P1@99+S1@0_Low (full)_QPSK

### 21.1.1. CA Spurious Emission at Antenna Terminals(NTNV)

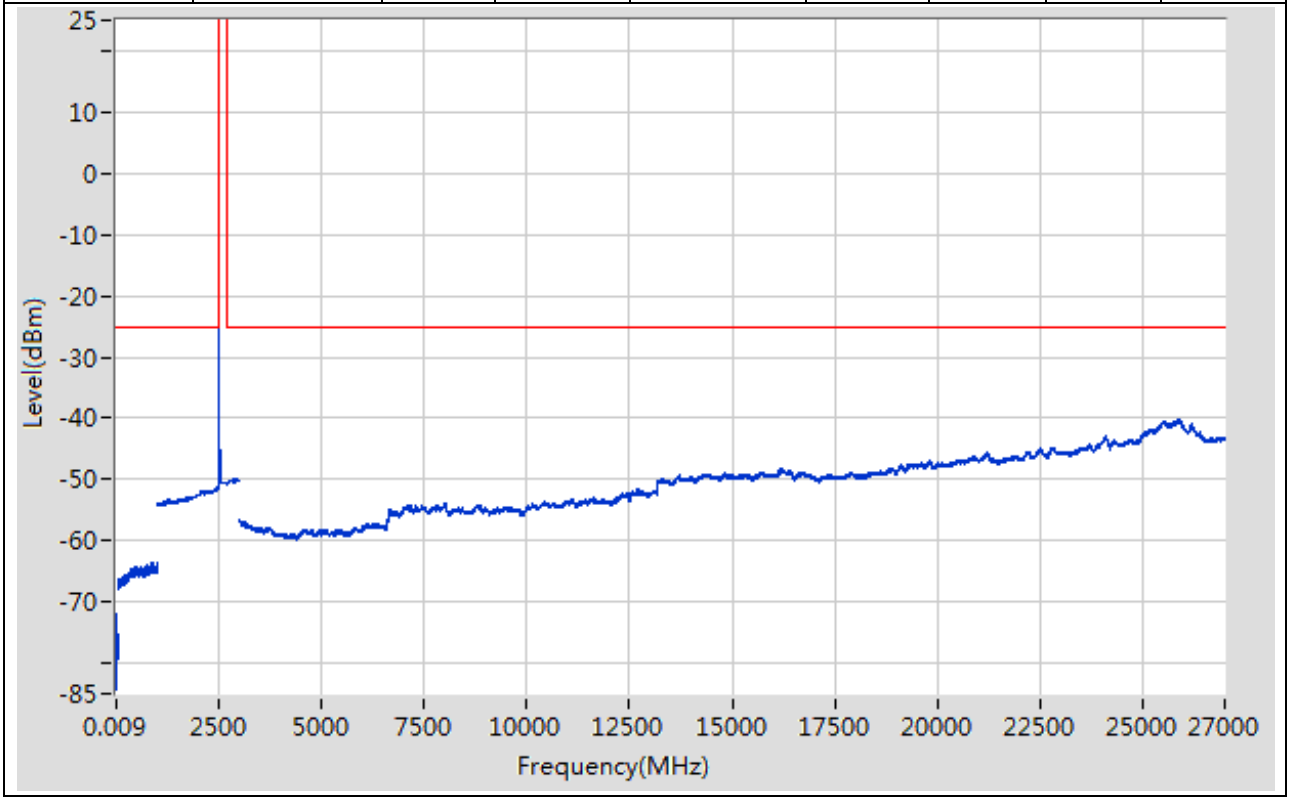
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -71.42 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.07 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 882.044 | -63.82 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2483.999 | -50.75 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2515.425 | 18.28 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2949.75 | -49.77 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7351.531 | -52.95 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25901.839 | -40.07 | -25 | Pass | 15000 |



## 21.2. CA_41C_20M+5M_P1@99+S1@0_Low (full)_16QAM

### 21.2.1. CA Spurious Emission at Antenna Terminals(NTNV)

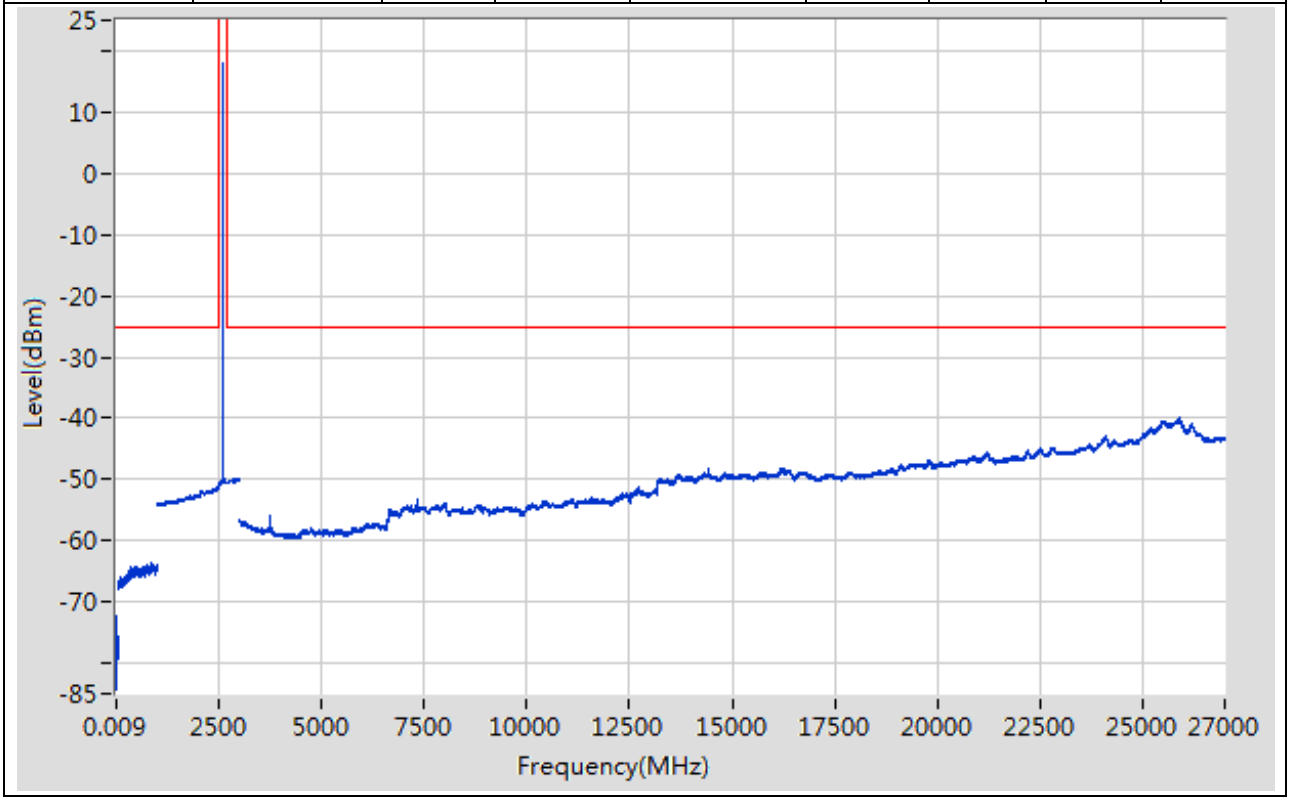
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -73.08 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.26 | -71.99 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 876.436 | -63.66 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2486 | -50.5 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2514.89 | 18.1 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2943 | -49.81 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -52.95 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25889.837 | -40.21 | -25 | Pass | 15000 |



## 21.3. CA_41C_20M+5M_P1@99+S1@0_Mid (full)_QPSK

### 21.3.1. CA Spurious Emission at Antenna Terminals(NTNV)

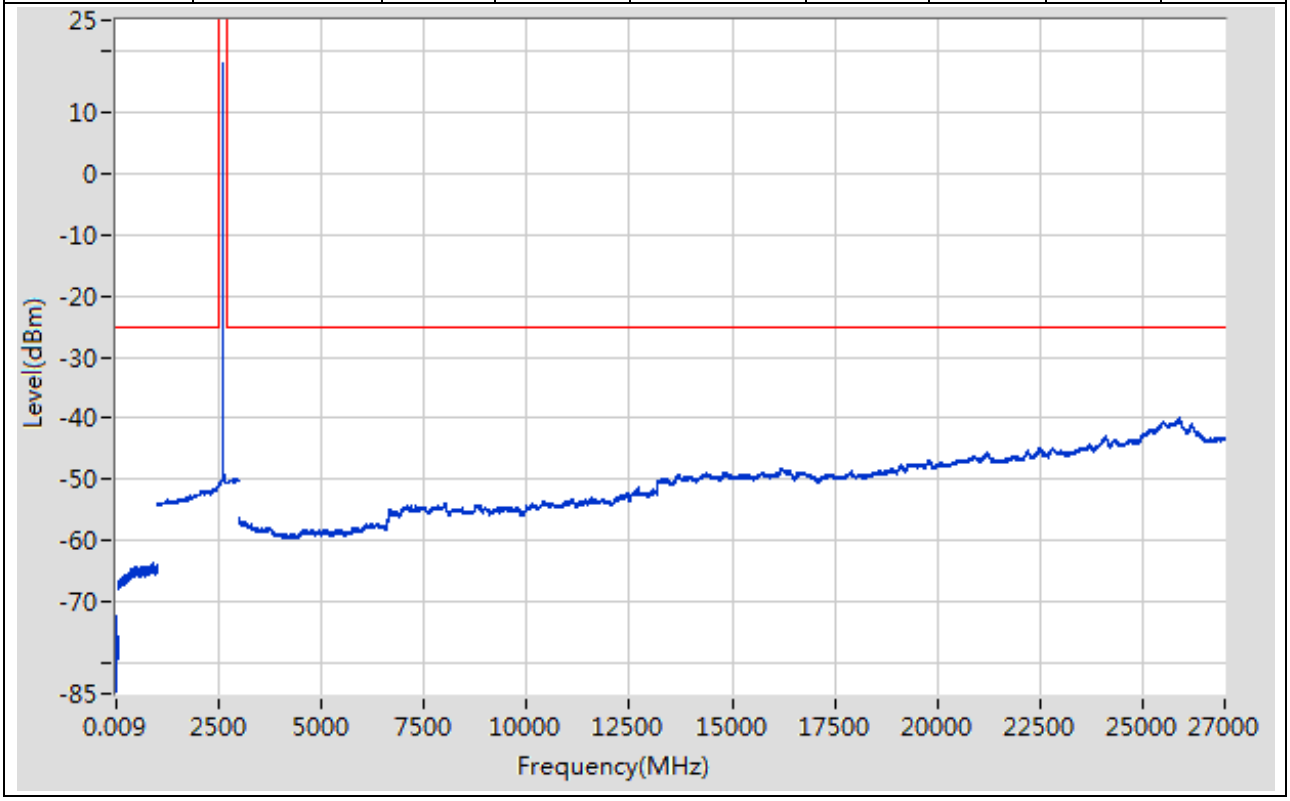
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.014 | -72.51 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.18 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 868.425 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2484.999 | -51.03 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2599.42 | 17.97 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2947.5 | -49.8 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11598.503 | -53.07 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25894.838 | -40.03 | -25 | Pass | 15000 |



## 21.4. CA_41C_20M+5M_P1@99+S1@0_Mid (full)_16QAM

### 21.4.1. CA Spurious Emission at Antenna Terminals(NTNV)

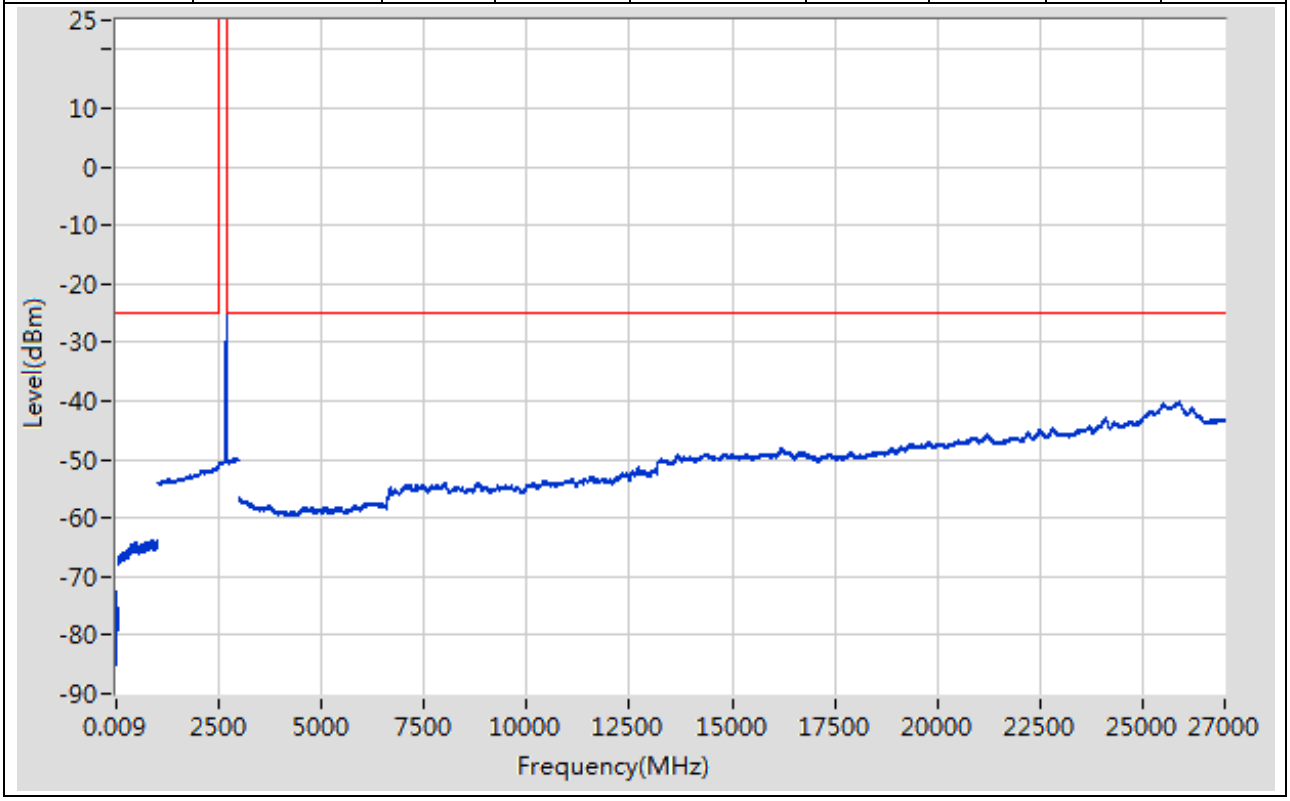
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.014 | -72.62 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.43 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 898.766 | -63.7 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2486 | -51.05 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2599.42 | 17.85 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2944.5 | -49.84 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11603.509 | -52.89 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25904.839 | -39.96 | -25 | Pass | 15000 |



## 21.5. CA_41C_20M+5M_P1@99+S1@0_High (full)_QPSK

### 21.5.1. CA Spurious Emission at Antenna Terminals(NTNV)

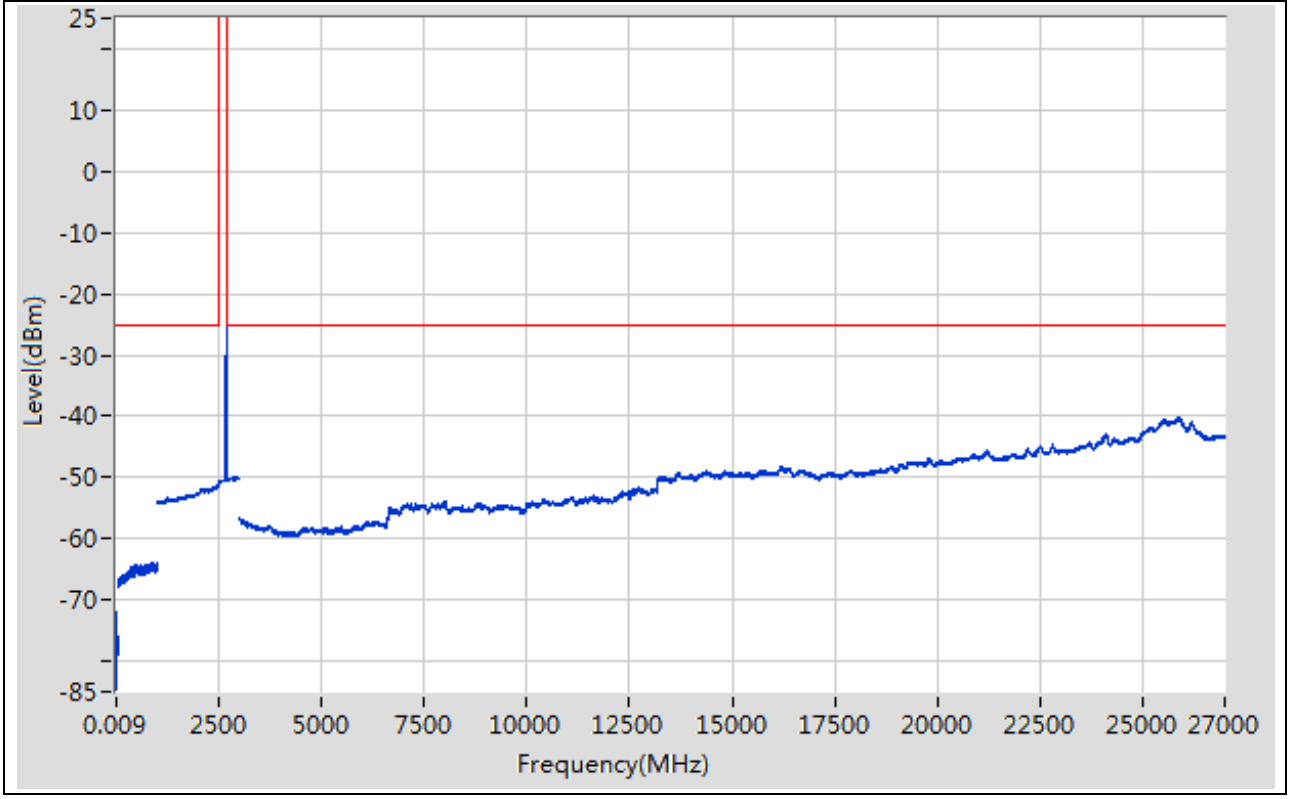
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.009 | -72.6 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.2 | -72.45 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 860.215 | -63.78 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2481.997 | -51.01 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2683.95 | 18.93 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2700 | -48.64 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11607.514 | -53 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25902.839 | -40.13 | -25 | Pass | 15000 |



## 21.6. CA_41C_20M+5M_P1@99+S1@0_High (full)_16QAM

### 21.6.1. CA Spurious Emission at Antenna Terminals(NTNV)

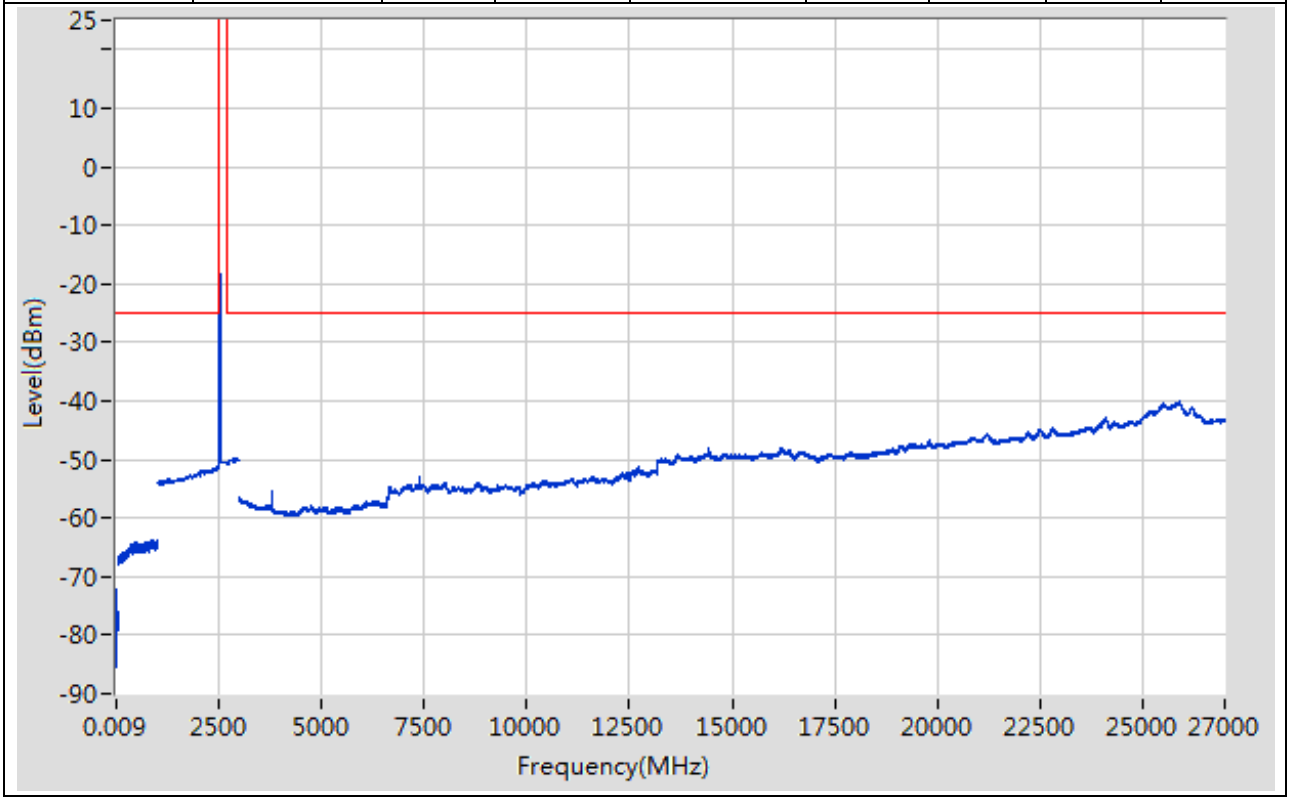
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.91 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.02 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 878.339 | -63.89 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2484.999 | -51.02 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2683.95 | 18.43 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2700 | -48.24 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11605.512 | -53.05 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25881.836 | -40.09 | -25 | Pass | 15000 |



## 21.7. CA_41C_20M+20M_P1@99+S1@0_Low (full)_QPSK

### 21.7.1. CA Spurious Emission at Antenna Terminals(NTNV)

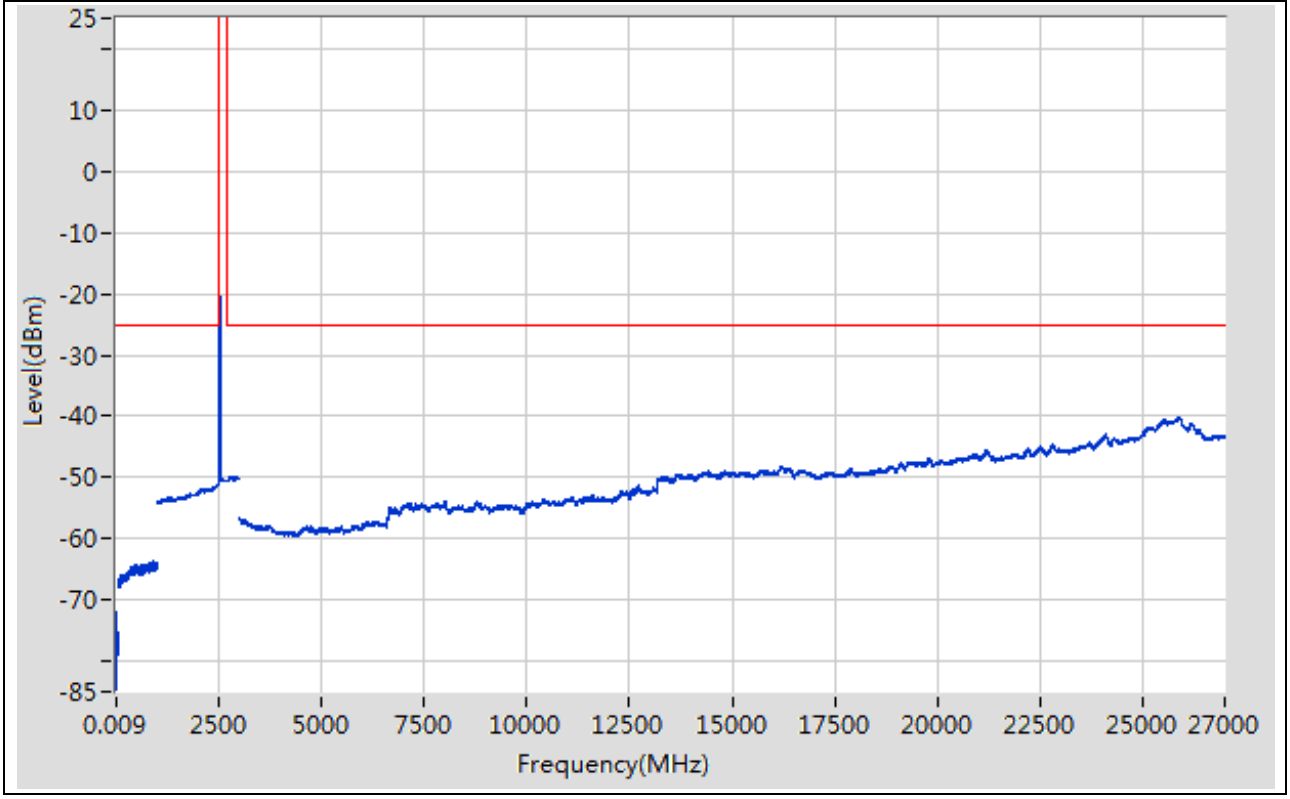
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -72.46 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.18 | -72.18 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 998.598 | -63.9 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2484.999 | -50.85 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2516.495 | 17.05 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2950.5 | -49.81 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7370.534 | -52.95 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25880.836 | -40.04 | -25 | Pass | 15000 |



## 21.8. CA_41C_20M+20M_P1@99+S1@0_Low (full)_16QAM

### 21.8.1. CA Spurious Emission at Antenna Terminals(NTNV)

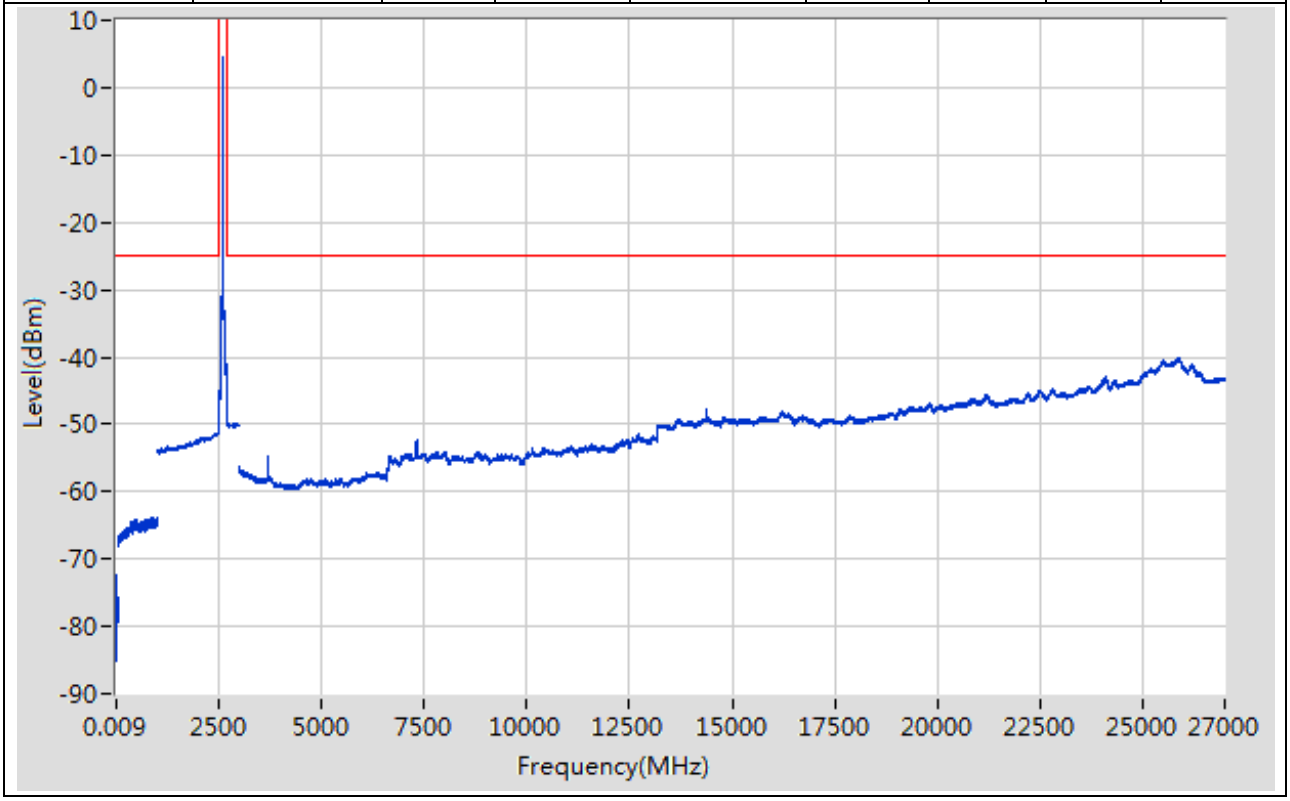
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.012 | -72.37 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.19 | -71.91 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 877.137 | -63.75 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2484.999 | -50.66 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2514.89 | 15.94 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2949 | -49.75 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -52.99 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25894.838 | -40.07 | -25 | Pass | 15000 |



## 21.9. CA_41C_20M+20M_P1@99+S1@0_Mid (full)_QPSK

### 21.9.1. CA Spurious Emission at Antenna Terminals(NTNV)

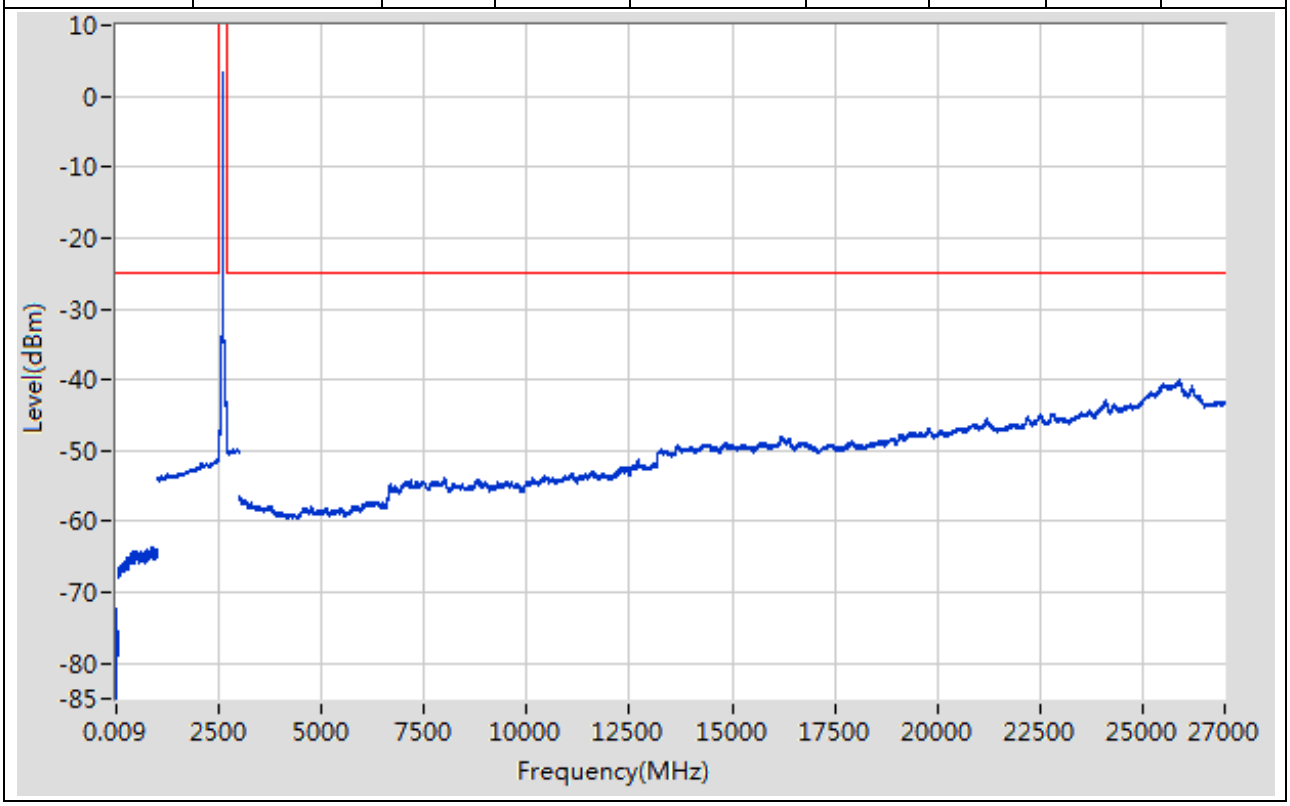
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.013 | -72.71 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.29 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 887.05 | -63.9 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2483.999 | -49.75 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2595.14 | 4.56 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2700.75 | -46.96 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7311.526 | -52.23 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25897.838 | -40.07 | -25 | Pass | 15000 |



## 21.10. CA_41C_20M+20M_P1@99+S1@0_Mid (full)_16QAM

### 21.10.1. CA Spurious Emission at Antenna Terminals(NTNV)

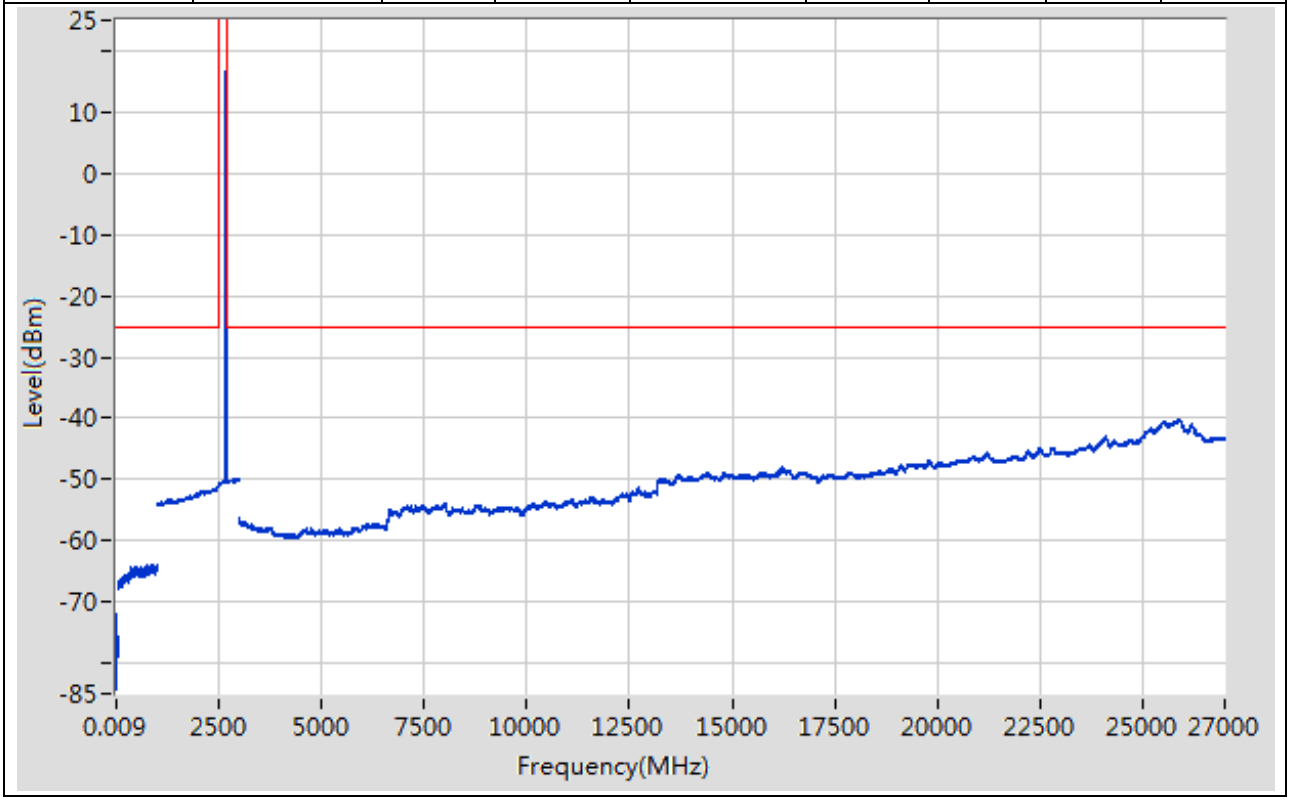
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -72.97 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.25 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 886.149 | -63.65 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2486 | -49.98 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2595.14 | 3.25 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2700.75 | -48.23 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.02 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25900.839 | -40.05 | -25 | Pass | 15000 |



## 21.11. CA_41C_20M+20M_P1@99+S1@0_High (full)_QPSK

### 21.11.1. CA Spurious Emission at Antenna Terminals(NTNV)

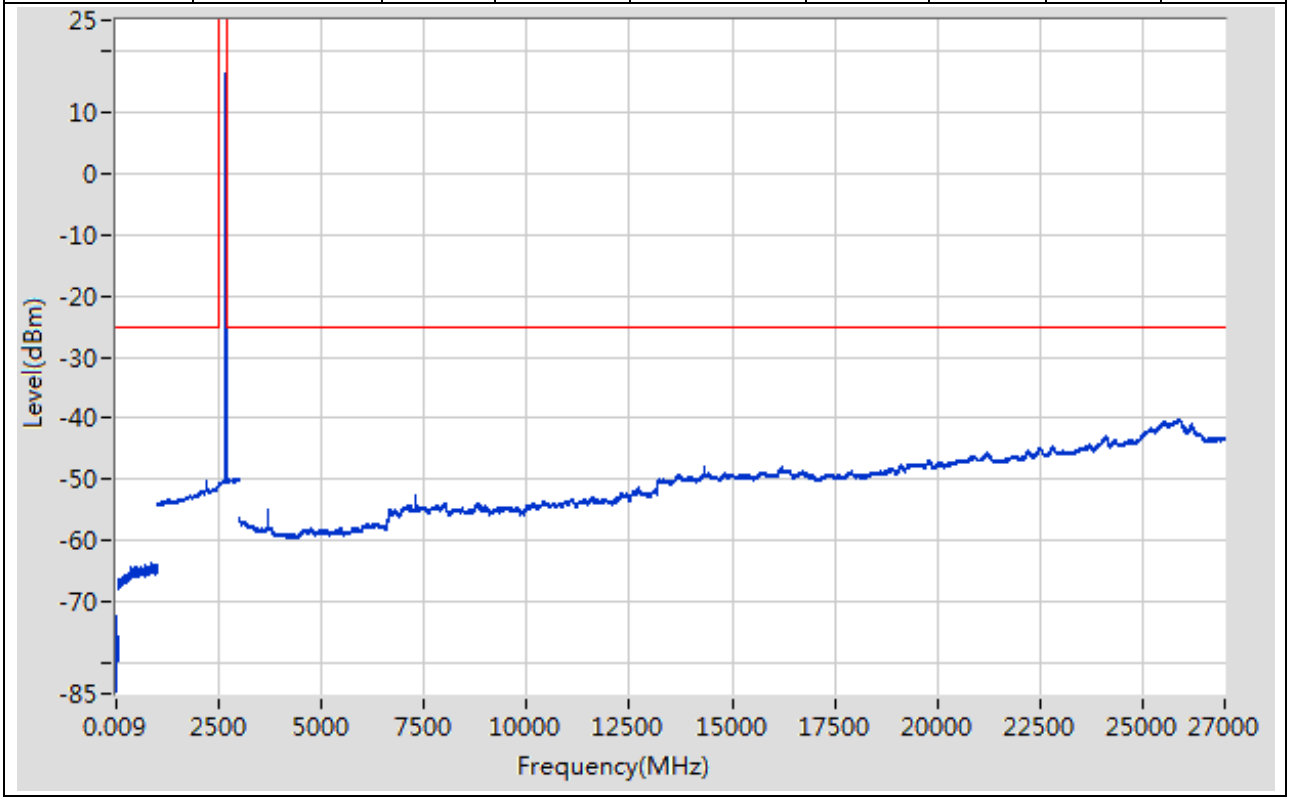
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.01 | -73.48 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.16 | -72.01 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 846.1 | -63.83 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2484.999 | -51.05 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2668.97 | 16.79 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2952.75 | -49.76 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 11608.515 | -53.04 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25891.837 | -40.06 | -25 | Pass | 15000 |



## 21.12. CA_41C_20M+20M_P1@99+S1@0_High (full)_16QAM

### 21.12.1. CA Spurious Emission at Antenna Terminals(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict | Sweep Point |
|---|---|---|---|---|---|---|---|---|
| 0.009 | 0.15 | 0.001 | RMS | 0.011 | -72.67 | -25 | Pass | 401 |
| 0.15 | 30 | 0.01 | RMS | 0.15 | -72.16 | -25 | Pass | 2985 |
| 30 | 1000 | 0.1 | RMS | 851.403 | -63.72 | -25 | Pass | 9699 |
| 1000 | 2486 | 1 | RMS | 2208.813 | -50.19 | -25 | Pass | 1486 |
| 2486 | 2700 | 1 | RMS | 2668.97 | 16.18 | 60 | Pass | 401 |
| 2700 | 3000 | 1 | RMS | 2700 | -49.75 | -25 | Pass | 401 |
| 3000 | 12000 | 1 | RMS | 7298.525 | -52.49 | -25 | Pass | 9000 |
| 12000 | 27000 | 1 | RMS | 25891.837 | -40.05 | -25 | Pass | 15000 |



END